Name: Krishna.P

 **Sr. Java Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

* With over 11 years of practical experience in the software industry, I have comprehensive knowledge of the entire **Software Development Life Cycle (SDLC).** I am proficient in **Object**-**Oriented** **Analysis** (**OOA**) and **Object**-**Oriented** **Design** (OOD) utilizing **UML**.
* Proficient in both **Waterfall** and **Agile** **software** **development** **methodologies**, showcasing flexibility and adaptability to various project requirements. Experienced in managing the complete software development life cycle using **structured** **Waterfall** processes. Skilled in leveraging **Agile** **practices** to enhance **team** **collaboration**, **improve** **project** **efficiency**, and quickly adapt to changing business needs.
* Skilled in handling **application** **state** in **React** using **stateful** **components**, **Context** **API**, or **state management libraries** such as **Redux**, ensuring a **reliable** and **scalable** state management approach.
* Hands-on experience with **Angular 14**, focusing on building **responsive**, high-performance web applications. Skilled in utilizing **Angular’s** latest features for **robust** and **scalable front-end solutions.**
* Proficient in developing **server-side** **rendered Angular** **13/14** applications to enhance performance and **SEO**. Experienced in optimizing **loading** **times** and improving **search engine visibility**. Adept at leveraging **Angula**r **Universal** for seamless **server-side rendering.**
* Proficient in **front-end technologies** like **JavaScript**, **HTML5, CSS3**, **XML**, **DTD**, **XSL**, **XSLT**, and **ML Schemas**. Experienced in building **dynamic**, **responsive**, and well-structured web applications for enhanced user experiences.
* Broad expertise in **server technologies** such as **the Spring Framework**, **Spring Boot**, **Hibernate**, **AngularJS,** **Node.js,** **RESTful services**, **SQL**, **SOAP**, **web services**, and **Apache.**
* Expert in **Java, J2EE**, **database** **systems**, and **web** **technologies**, with extensive experience in building **robust** **applications**. Proficient in using various testing tools to ensure **software** **quality** and **reliability**.
* Expert in utilizing **Java 17's** advanced features to **create** **robust**, **efficient**, and **scalable** solutions. This includes leveraging **record** **types**, **sealed** **classes**, and **pattern** **matching** to simplify code development and improve software maintainability.
* Comprehensive understanding of **Java** **14** features, including **advanced file operations**, **pattern matching**, and **lambda expressions.** Experienced in utilizing these features to write more **efficient, concise, and maintainable code**. Skilled in applying **Java 14** enhancements to optimize application performance
* Experienced in applying **Core Java** **concepts** such as **multi-threading**, **exception handling**, **data structures**, **serialization,** and **functional programming** with **Java 8**.
* Proficient in implementing **interna**l **security models** with **Spring Batch** and **Spring Microservices**. Experienced in developing **Java server** components **utilizing Spring**, **Spring MVC,** and **Hibernate** for **web** **services** technologies.
* Developed and **implemented** **SailPoint** **connectors** for **Active** **Directory**, **LDAP,** and **JDBC** to streamline identity management processes. Ensured **seamless integration** and enhanced **system security** across various platforms.
* Skilled in creating **RESTfu**l **microservice** **APIs** with **Spring Boot**. Experienced in **analyzing** and **designing** **applications** using **Object-Oriented** **Analysis** and **Design principles**.
* Extensive experience in building **web applications** using **JSF**, **JSP**, **JSTL**, **JDBC**, **Kafka**, **MongoDB**, and **JavaBeans**. Proficient in **developing** **dynamic**, **high**-**performance** solutions with **seamless** **data** **integration**.
* Experienced with **J2EE** **application** servers including **IBM WebSphere**, **BEA WebLogic**, and **JBoss Apache Tomcat**, and **adep**t at using **Java 8 features** like **Streams** and **Lambda** for **data** **processing**.
* Skilled in managing **relational** **databases**, including **Oracle**, **PostgreSQL**, **MySQL**, and **PL/SQL**. Experienced in **database** **design,** **optimization**, and **implementing** **complex** queries for **efficient data handling**.
* Proficient in **optimizing** **MySQL** **databases** to enhance **performance**, **scalability,** and **responsiveness.** Experienced **in** **implementing** best practices for **database** **tuning** and **query optimization**.
* Proficient in optimizing **SQL** **queries**, **implementing** **indexing strategies**, and using **caching** methods to enhance database **performance**. Skilled in improving **data retrieval** **speed** and **overall system efficiency**.
* Experienced in optimizing **intricate** **SQL** queries in **PostgreSQL**, using advanced techniques like **query rewriting**, **indexing**, and **examining** **execution** **plans**. Adept at utilizing **PostgreSQL's** features to improve overall database performance.
* Well-versed in **Docker,** **container orchestration,** and **React JS components**. Skilled in implementing **CI/CD** processes using **Jenkins** and **Docker** to **streamline** **deployment** and **improve** **development** efficiency.
* Experienced in **debugging** and **resolving** **code issues**, with a strongbackground in **unit,** **integration**, and **system testing** using **JUnit** and **Mockito**. Adept at ensuring **code quality** and **reliability** through comprehensive testing practices.
* Proficient in **managing version control systems** like **Git** and **SVN,** with expertise in facilitating collaborative development environments. Experienced in **deploying** applications with tools such as **Maven,** **Gradle,** and **Log4J** for **logging.**
* Extensive experience with **cloud** **computing** platforms like **GCP,** **showcasing expertise in designing**, **deploying**, and optimizing **scalable** and **secure cloud solutions.**
* Proficient in **Amazon Web Services** (**AWS**), including **EC2,** **S3**, **RDS,** **Elastic Load** **Balancing**, and **SQS**. Experienced in leveraging **AWS** **services for scalable**, **secure**, and **high-performance** **cloud solutions.**

**Technical Skills:**

|  |  |
| --- | --- |
| Languages | Java, J2EE, SQL and PL/SQL, JavaScript. |
| Mark-up/XML Technologies | HTML5, CSS3/4, Bootstrap, JavaScript, jQuery, AJAX, Angular 14/10/9, NodeJS, XML, XSD, XSL/XSLT, SAX/DOM, JCA, JCE and JSON, JNI, RabbitMQ. |
| Tools & Framework | Struts, Spring, Hibernate, JAAS, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, JUTLSnit, SOAP UI, Postman,SSL Scala Google Web Toolkit, Spark, MapReduce, Apache Flink, Apache Flume, Flink, Puppet. |
| Build Automation | ANT, MAVEN, Jenkins, Jerker, and Bamboo, Gradle. |
| Web services | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Microservices, Apache Axis, Bash scripting, and Apache CFX. |
| Cloud Technologies | Amazon Web Services, Microsoft Azure, GCP, Pivotal Cloud Foundry, OpenShift, Spring Cloud, EC2, RDS, S3, RDS, EBS, Elastic Load Balancer, Lambda. |
| Web/App Servers | Web Sphere, Apache Tomcat, JBOSS, Web Logic Server, and Apache Camel |
| Databases | Oracle, SQL-Server, MySQL, Cassandra, IBM DB2, NoSQL DB like MongoDB. |
| IDE tools | Eclipse, Net beans, Spring Tool Suite (STS) and IntelliJ IDEA, RAD, Web logic, Maven build |
| Testing Tools/Others | Selenium, Jest, Enzyme, JUnit, TOAD, Soap UI, TestNG, Putty, Rational ClearQuest, RTC, and Mockito, Apigee Apache JMeter. |
| Version Control | Tortoise Git, GitHub, SVN, CVS, Rational Clear Case, and Git. |
| OS & Environment | Windows, Sun Solaris, UNIX, Docker. |

**PROFESSIONAL EXPERIENCE:**

**Client: Ericsson, Atlanta, GA April 2024 - Present**

**Role: Lead Java Full Stack Developer**

**Responsibilities:**

* Actively engaged in all stages of the **Agile Software Development Life Cycle (SDLC),** **overseeing** **design**, **implementation**, and testing phases. Strategically broke down features into **manageable stories** and planned **workloads** according to **team capacity**.
* Spearheaded the development and maintenance of **full-stack Java** applications, **effectively integrating strong** **back-end functionality** with dynamic **front-end** **interfaces** using **HTML5, CSS4,** and **TypeScript.**
* Directed the **creation** and **upkeep** of **robust** **full-stack applications**, effectively combining **Java-based back-end** systems with **dynamic front-end** interfaces using **Angular 14**. Implemented a **modular design approach** to improve **codebase** **reusability** and **maintainability**.
* Pioneered the **design** and **deployment** of **Microservices** using **Java 17** capitalizing on its advanced modularization capabilities to ensure **seamless service isolation** and **scalability**. **Exploited** **Java 17's** **asynchronous programming** enhancements for **heightened** **application** **response times**.
* Showcased expertise in **utilizing Java** **17** features, such as the **Foreign Memory Access API** and **ZGC Garbage** **Collector**. Applied well-established **J2EE design patterns**, **including DTO, DAO,** and **Service Locator**, to enhance **software design** and **implementation** while optimizing performance.
* Employed **Spring Rest** and **MVC** to develop **RESTful** **microservices,** greatly improving the **functionality of applications.** Integrated **Spring Boot** to accelerate application **development**, building **RESTful APIs** and **microservices,** while using **Spring Security** to implement **strong authentication** and **authorization mechanisms**. Managed **data persistence** **and database interactions** with **Hibernate** **ORM**, ensuring **smooth integration** with **relational databases.**
* Contributed **to building RESTful** **web services with Java, Spring Boot, and Hibernate**. **Integrated Bootstrap and Angular for enhanced web design**. Used **Hibernate** for accessing the **data layer** and ensuring effective **data persistence.**
* Led the development of reusable **UI components** using **Angular 14's** **component-based architecture**, leveraging the **Angular Http** **Client module** for seamless **RESTful API** **integration**, ensuring efficient **data retrieval** and **manipulation** while **maintaining** a **clear separation** of concerns.
* Created the **persistence layer utilizing Hibernate API, Data Models, and Java Beans with Java 11.**
* Introduced **new features** and **improvements** to **existing applications** by **employing Java 11** capabilities like **loca**l-**variable type** inference **(var),** **modules**, and the enhanced **HTTP client**.
* Developed server-side applications using **Node.js** and **Express**.**js** to streamline **API** **development**, enhancing integration with various automotive services.
* Integrated **Node**.**js** with **front**-**end** **technologies** like **Angular** and **React** to deliver **seamless** **user** **experiences** for **Ford's** **web** applications.
* Utilized **Node**.**js** for real-time web applications, employing **Socket**.**IO** to facilitate interactive features for **Ford’s** **customer** engagement platforms.
* Implemented a **microservices** **architecture** using **Node**.**js** to enhance the **modularity** and **maintainability** of Ford’s **complex** **software** solutions.
* Deployed **Node**.**js** applications on **AWS**, ensuring **scalability** and **robustness** for Ford’s cloud-based automotive services.
* Created and **deployed** scalable **MongoDB** database **architectures,** **fine-tuning data models** to **boost performance** and ensure **efficient storage** and **access to large amounts of structured** and **unstructured data,** **leading to improved** application **responsiveness.**
* Set up and managed **MongoDB clusters**, overseeing **configuration,** **monitoring,** and **performance optimization** to **guarantee high availability, fault tolerance**, and **peak database performance**. Worked closely with development teams to **design efficient data schemas and indexes**, ensuring **smooth integration** of **MongoDB.**
* Set **up AWS EC2** instances within a **Virtual Private Cloud (VPC**), configured **S3 Buckets**, and **utilized** **CloudFormation** **Services** to meet **specific application requirements**. Enabled **smooth integration** of **Java** **applications** with **AWS S3** for effective **storage** and **retrieval.**
* Utilized **AWS** **Lambda** for **rapid development** and **deployment**, **reducing operational overhead**. **Expert** in **implementing serverless functions** to enhance application **scalability** and **performance**.
* Implemented **AWS** **Autoscaling** to optimize **resource utilization** and **cost-efficiency**. Skilled **in configuring autoscaling policies** to ensure **dynamic scaling** based on **application demand**.
* Utilized **AWS Glue** to create comprehensive **Extract, Transform, Load (ETL)** solutions for **efficient data processing**. Integrated **Glue jobs** into the **broader** **data architecture** to handle a variety of **datasets** seamlessly.
* Utilized **Log4J** for **real-time error log monitoring**. Efficiently used **JIRA** for detailed issue and **bug** **tracking**, as well as **overseeing work assignments.** Employed **Git** as the main **version control system**.
* Effectively used **Docker** Compose to **define** and **manage multi-container Docker applications**, simplifying **local** **development and testing**. **Orchestrate**d continuous **with Postman**, **Ready API**, and **Soap** **UI**. Led the creation of **CI/CD** pipelines for **Java applications**, using **Jenkins** and **Kubernetes** to automate **workflows** and **minimize manual intervention**.
* Administered **Maven build** **processes** to efficiently **compile**, **test**, and **package Java applications**. Enhanced **project builds,** **managed dependencies**, and **streamlined releases** to improve development **workflows,** resulting in greater build **reliability** and **faster project delivery**.
* Pioneered the **creation of a Kafka Producer REST service** using an **event-driven** **architecture**. Set up **Kafka** **Producer** and **Consumer** **REST** **services** for **event handling**, enhancing **data reading** and **storage efficiency** in **Couchbase.**
* Led the integration of **Java components** within the **Quartus FPGA** development environment, enabling **smooth** interaction between **software and hardware modules**. Developed **Java interfaces** to work with **Quartus tools,** aiding in **configuration management** and **dynamic** **parameterization** of **FPGA designs**.
* **integration** and **deployment** pipelines with **Jenkins** and **Kubernetes for automation, reducing the need for manual intervention.**
* Performed thorough **security** and **integration** **testing .**

**Environment:** Java, Spring Framework, Spring Boot, AWS, Docker, Kubernetes, Jenkins, Git, ReactJS, JSX, HTML5, CSS3, JavaScript, Node.js, Spring Framework, RESTful APIs, JUnit, Mockito, Oracle, SQL, MySQL, MongoDB, Git, GitHub, SVN, CVS, Rational Clear Case, Prometheus, Grafana, ELK Stack, Waterfall, RUP, Agile XP, SCRUM, Windows, Sun Solaris, UNIX.

**GM Financial, Chandler, AZ July 2022 to Feb 2024**

**Sr.Java Full Stack Developer**

**Responsibilities:**

* Worked in a highly dynamic AGILE environment and participated in scrum and sprint meetings.
* Develop new fronted from the ground up using  HTML5, CSS3, JAVASCRIPT, JQuery, Bootstrap, AngularJS, and NodeJS as front end building Environment.
* Configure and run gulp tasks in NodeJS runtime and handle injection, CSS pre-processing, minifying, test-running, and building-sync.
* Developed custom directives, Factories and Services in AngularJS and implemented code per coding standards and created AngularJS Controller to isolate the scopes to perform operations and extensively used Core Java such as Exceptions, and Collections.
* Expertise in consuming Restful web services using Node JS, AngularJS and jQuery along with JSON parsing to implement AJAX call and render the response data to User Interface.
* Extensively used Java 8 features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Used Streams and Lambda expressions available as part of Java 8 to store and process the data.
* Designed and developed the framework to consume the web services hosted in Amazon EC2 instances.
* Worked with AWS cloud service in creating EC2 instances and providing them roles and sometimes participated in writing custom policies and deployed applications on Elastic Bean Stalk and EC2.
* Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application and Amazon Cloud Watch is used to monitor the application and to store the logging information.
* Worked on MYSQ L was used as the database for the application which was hosted in the cloud using Amazon RDS service.
* Configured and managed AWS Glacier, to move old data to archives based on retention policy of databases/ applications.
* Involved in AWS SQS to interact with queue and giving roles to it and involved in writing Custom policies.
* Participated in troubleshooting issues on AWS, Netflix Eureka and Cloud environments.
* Analysing of SOA based application with Solar / web service / apache ignite cache based systems for optimal design/usage.
* Experienced in implementing Micro Services, SOA with xml base web Services (SOAP/UDDI/WSDL) using Top Down and Bottom Up approach.
* Worked with the SPRING framework hibernate integration to maximize the Classical model view controller layer (MVC) Architecture.
* Implemented SPRING MVC application framework to create and configure of Java beans using SPRING IOC and used SPRING Hibernate support, transaction management.
* Experience in creating RESTful web services using Jersey, spring framework and JAX-RS.
* Creating REST based Web Services by establishing links using HATEOAS from spring based Applications.
* Involved in developing API’s and Rest API proxy using APIGEE edge and for sending mobile notifications.
* Developed the Web Services Client using REST, RSDL for verifying the new customer history to a connection.
* Developed DAOs (Data Access Object) using Hibernate as ORM to interact with DBMS - MySQL and Mongo DB.
* Optimized the full text search function by connecting to Mongo DB.
* Worked with Docker to deploy Micro-services in modern containers to increase Isolation.
* Involved in Designing Kafka messaging queues.
* Used MAVEN as a Build Process and used generating Documentation, Reporting, and adding Dependencies.
* Performed daily Night Build & Weekly Build & Release for the product using Ant, Maven build scripts.
* Using JUnit test in Eclipse, developed Unit test cases and test suite, Curl was also implemented to test.
* Used Jenkins as the integration tool and improved scalability of applications on cross-platforms.
* Deployed the Application EAR and RESTful Services on JBoss Application Server.
* Involved in Production Support and Maintenance of the application and troubleshooting of Issues on JBoss by checking logs, payments etc.

**Environment:** Java/JDK, J2SE/J2EE, HTML5,CSS3, JavaScript, JQuery, Spring, Spring Boot, Spring Batch, Spring MVC, AngularJS, NodeJS, Ec2, S3, SDK, MySQL, SOA, JDBC, Hystrix Dashboard, AWS, Netflix Ribbon, Hibernate, REST, JSON, RESTful, Eclipse, MAVEN, JUnit, Jenkins, JBoss, Linux OS, MongoDB, GIT, PL/SQL, Docker, ANT, JIERA, Kafka, JMS.

**Client: Citizens Financial Group Inc- Providence, RI Oct 2020- June 2022**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Utilized **Agile methodologies** to analyze, **define**, and **develop** **applications**, meeting both **functional** and **business** requirements. Actively participated in **Scrum activities**, such as daily **stand-ups**, **sprint reviews,** and **retrospectives**. Contributed significantly to **project analysis and design phases.**
* Extensively worked with various **Spring Framework modules**, **including MVC, Dependency Injection, Auto** **Wiring**, **JDBC** **Templates**, **Spring Security**, and **Aspect-Oriented Programming** (**AOP**).
* Constructed **Microservices** and **APIs** with **Spring Boot**, utilizing an **Apache Kafka cluster** for **inter-service messaging.** Supported **Back-end** **components** and **API** resources with **Kotlin and** used **JSON APIs** to develop **multiple APIs.**
* Expertly developed the **User Interface** with **HTML5**, **CSS3,** **ReactJS**, and **Bootstrap** to construct a **robust** **Single Page Application (SPA).** **Designed** and i**mplemented** **interactive**, **dynamic** web components to deliver a **smooth** user experience while adhering to best practices for **performance optimization** and **cross-browser** **compatibility**.
* Developed and **managed dynamic**, **responsive** user interfaces with **React.js,** effectively transforming **design mockups** and **wireframes** into interactive **web applications**. Experienced in delivering **high-quality**, **user-centric** **solutions.**
* Designed **reusable** components using **React’s component-based architecture** to establish an **efficient** and **scalable front-end** foundation. Expert in **creating modular** and **maintainable UI** elements for enhanced application performance.
* Integrated **React** with **RESTful APIs** to facilitate **smooth communication** between **front-end** and **back-end servers.** Enabled **real-time data updates** and ensured **seamless interaction** across the application.
* Developed the **persistence layer** using **Hibernate** **API,** **Data Models,** and **Java Beans** with **Java 11**. Expert in creating **robust** and **efficient data access** layers for **reliable** application performance.
* I adhere to **OWASP** Top Ten guidelines to **mitigate** **vulnerabilities** like **SQL** **injection** and **XSS**. Using **ReactJS**, I leverage built-in security features and libraries like **Formik** and **Yup** for input validation and output **sanitization**, enhancing our application's security.
* Integrated authentication protocols such as **OAuth2** and **OpenID** Connect for **MFA** across frontend applications. Ensure secure communication by employing **SSL**/**TLS** for all **API** **interactions**, **safeguarding** data in transit.
* Utilized **JavaScript** **libraries** for data validation like **Joi, Validator.js** to ensure the integrity of user inputs. Implement **client**-**side** **encryption** techniques to protect **sensitive** **data** before **transmission** to backend services.
* Enhanced applications by **incorporating Java 11** features such as **local-variable type inference (var), modules, and the improved HTTP client**. Skilled in utilizing these **capabilities** to introduce new functionalities and optimize **existing solutions**.
* Developed **RESTful services using** the **Jersey implementation** of **JAX-RS**, providing full **CRUD** (**Create, Read, Update, Delete)** functionality to ensure efficient communication.
* Implemented **Java** **Cryptography** **Architecture** (**JCA**) and **Java** **Cryptography** **Extension** (**JCE**) for data encryption at rest and in transit, using algorithms like **AES** and **RSA**. Implement **tokenization** strategies to replace sensitive data with unique **tokens** to **minimize** **exposure**.
* Integrated **Node**.**js** with **front**-**end** technologies like **Angular** and **React** to deliver **seamless** **performance** for Bank of America's  **banking** **portal**.
* employed **Spring** **Security** to manage user **authentication** and **authorization**, implementing **role**-**based** **access** **controls** (**RBAC**) to safeguard sensitive resources. This includes configuring **secure** **API** endpoints with comprehensive **security** **settings**, such as method-level security and **OAuth2** **support**, ensuring **robust** **protection** against unauthorized access.
* Optimized application **responsiveness** and **scalability** by effectively managing **asynchronous** programming in **Node**.**js**, improving the performance of **financial** **data** **processing**.
* Implemented **microservices** **architecture** with **Node**.**js**, increasing the **modularity** and **maintainability** of Bank of America’s complex banking solutions.
* Designed and injected **Spring services, controllers**, and **DAO**s to enable **dependency injection** and **streamline object wiring.** Proficient in utilizing **Spring's capabilities** for efficient and maintainable application **architecture**.
* Applied **Hibernate’s caching** **strategies** to boost application **performance** by **minimizing** **database** **roundtrips**. Employed **Hibernate** batch processing methods to efficiently handle the **insertion, updating, and deletion of multiple records.**
* Design and manage secure database solutions like **MySQL**, **MongoDB** for handling sensitive **financial** **data**. Apply data masking and **encryption** **strategies** to **protect** **stored** **data**, ensuring **robust** **data** protection practices.
* Designed and **implemented** **scalable** and **distributed** **MongoDB** **database** **solutions** to manage **large** **data** **volumes** and ensure high performance under **heavy** **loads**.
* Integrated **MongoDB** databases with application **APIs** to enable seamless **data** **interaction** between **applications** and the **database** **layer**. Skilled in ensuring **efficient** **data** **exchange** and **system** **interoperability**.
* Designed and implemented **backup** and **recovery** **strategies** for **MySQL** databases to ensure **data** **integrity** and **minimize** **downtime**. Expert in maintaining robust **data** **protection** and **rapid** **recovery** solutions.
* Directed the transition of **on**-**premises** infrastructure to **Microsoft** **Azure**, **designing** and **deploying** **cloud** **solutions**. Set up and **managed** **Azure** resources, such as **virtual** **machines**, **storage** **accounts**, and **networking** **components**, to ensure **smooth** **scalability** and **high** **availability**.
* Established and oversaw **Azure** **DevOps** **pipelines** for **continuous** **integration** and **continuous** **deployment** (**CI**/**CD**), **automating** **deployment** processes to ensure **efficient** and **reliable** **application** **delivery**. Monitored and optimized **Azure** **services**, applying best practices to improve **performance**, **security**, and **cost**-**efficiency** in the **cloud** **environment**.

**Environment:** HTML5, CSS3, Angular , AWS, Azure, Drools, Flink, Kafka, JAX-RS, XML, JSON, Spring Boot, Docker, Kubernetes, Packer, Ansible, MySQL, Oracle, PostgreSQL, MongoDB, Spring AOP, Spring Batch, OAuth 2.0, Spring Security, Hibernate ORM, Apache Kafka, Maven, Jenkins, SonarQube, Spring Rest, Spring MVC, Spring Cloud, XSD, Selenium Web Driver, Selenium Grid, JUnit, GIT, Jira.

**Client: Kaiser Permanente, CA - Permanente, CA Jan 2019 to Aug 2020**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in Full Cycle of Software Development from Analysis through Design, Development, Integration and testing phases by following Agile Software Development with Scrum methodology.
* Analyzing, gathering and researching the application requirements. Performed Use case design, object modelling and transformed Use Case designs into Class Diagrams and Sequence Diagrams.
* Employed HTML/HTML5, CS533, JavaScript, jQuery, AJAX to do front end UI design work.
* Followed Test Driven Development (TDD)Methodology.
* Experience in using React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
* Developed a core routing framework for Verizon National Preorder using Apache Camel.
* Good Experience in React.js for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts. Familiar with creating Custom Reusable React Components Library.
* Used Java8 features like stream and Lambda expressions. Have also worked on Java8 along with Cold Fusion.
* Used Rest Controller in the Spring framework to create RESTful Web services and JSON objects for communication.
* Use of Docker and Kubernetes to manage micro services for development of continuous integration and continuous delivery.
* Involved in the front- End development of a specialty Application for the client Using Angular JS
* Implemented TDD for JavaScript code and Angular JS code with jasmine test cases.
* Added dynamic functionality to the application by implementing Query, Node
* Builds and maintains knowledgebase, process documentation and provides training for end user, business, and security coordinators on new or updated IAM tools and processes.
* Worked on batch process development using Akka with Camel.
* Worked on creating Custom Azure Templates for quick deployments and advanced PowerShell scripting.
* Recommend and develop a strategy for integrating internal security model into new projects with Spring Security and Spring Boot.
* Deployed Azure laaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure Nets and subnets.
* Manage payment posting process including verifying error and performing resolution
* Experience on Amazon IAM service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of AWS IAM and also involved in developing the Web services using AXIS2 framework.
* Used Spring IOC, AOP, Spring Boot to implement middle tier. Created reusable components as spring aspects to use across the application.
* Implemented integration tests using TestNG and functional testing using Selenium.
* Extensively used the JavaScript frameworks like Angular.js, Node.js, Bootstrap, and jQuery plugins.
* Extensively monitor production and pre-production Logs to identify and troubleshoot the defects using Rancher, Splunk and Dynatrace for application performance.

**Environment:** Java/J2EE, Java8, NoSQL & SQL Queries, Spring Boot, Spring, Spring Security, Restful Webservices, Microservices, Spring Hystrix, Docker, GIT, JUnit, Jenkins, Mockito, MongoDB, TestNG, Selenium, log4j, Agile, AWS, Methodology, Maven, Kubernetes, Splunk, Rancher, Run Scope, PCF, Dynatrace.

**Morgan Stanley, NJ. June 2017 – Dec 2018**

**Sr. Java Full Stack Developer**

**Roles & Responsibilities:**

* Led full Software Development Life Cycle (SDLC) of Java-based applications from requirement gathering to deployment, ensuring timely, high-quality deliverables using Agile methodologies.
* Designed and developed scalable microservices architectures, migrating monolithic applications to microservices for independent deployment, utilizing Spring Boot and AWS Lambda for serverless solutions.
* Implemented RESTful APIs using AWS API Gateway and Lambda, integrating with S3 for secure data handling, while provisioning EC2 instances for optimal performance and cost efficiency.
* Developed cloud-based backend solutions leveraging AWS services like S3, RDS, and EC2, optimizing cloud resource allocation and scaling for performance and cost savings.
* Built and maintained distributed systems for real-time data analytics using Apache Storm, Redis, and Kafka, improving data throughput by 40%.
* Managed NoSQL databases like MongoDB, implementing sharding, indexing, and aggregation for high-performance, scalable applications.
* Orchestrated containerized environments with Kubernetes, managing Docker containers to ensure efficient resource allocation, scaling, and high availability for Java applications.
* Developed and deployed full-stack applications using React.js, Node.js, and AWS services, integrating APIs and implementing data-binding, MVC pattern, and Dependency Injection for maintainability.
* Integrated CI/CD pipelines using Jenkins, GitLab CI, and Bamboo, automating build, testing, and deployment processes, reducing manual intervention by 30%.
* Implemented automated testing frameworks (JUnit, Selenium, Jasmine, Karma) into CI/CD pipelines, increasing code coverage by 75% and ensuring reliable releases.
* Designed and deployed Kafka for event-driven architectures, managing Kafka clusters and integrating with streaming platforms for real-time data processing.
* Led design and development of microservices-based Java applications, incorporating Spring Boot, Kafka, and Hibernate to ensure modular, maintainable systems.
* Collaborated with DevOps teams to implement automated workflows, bridging gaps between development and operations, and improving deployment cycles with GitHub Actions and YAML pipelines.
* Designed and maintained SQL and NoSQL database solutions (MongoDB, AWS RDS), optimizing queries and database performance for scalable, high-throughput applications.
* Integrated SonarQube into CI pipelines, ensuring adherence to coding standards and reducing technical debt through continuous code quality checks.
* Developed serverless functions using AWS Lambda for event-driven architectures, reducing infrastructure costs while improving application scalability and resilience.
* Mentored junior developers and conducted training sessions on Java, cloud technologies, and best coding practices, fostering a collaborative and productive development environment.

**Environment:** JDK 10,Spring Framework 2.x, Hibernate3.x, JMS, Web Services, JSP, JavaScript, JQuery, Spark, HTML5, CSS3, SAP, SharePoint, AngularJS, Remedy, JIRA, brackets editor, EC2, S3, Cloud Formation, DynamoDB, Kinesis, VPC, IAM, Tomcat Apache, Micro-Services, Scala, Cloud Watch, New Relic, Git, Linux, ELK Stack, Jenkins, Maven, Ansible, JVM etc

**Client: Staple, India July 2015 – Feb 2017**

**Role: Full Stack Java Mid-Level Developer**

**Responsibilities:**

* Directed the **planning**, **execution**, and **deployment** of projects using the **Agile** **Software** **Development** **Life** **Cycle**. Ensured strict adherence to all specified requirements and delivered high-quality outcomes.
* Designed and **developed** **web** **application** **interfaces** with **HTML5**, **CSS3**, and **JavaScript**. Expert in **crafting** **responsive**, user-friendly interfaces that deliver optimal **performance** and **visual** **appeal**.
* Utilized **Angular** **6** to **manage** **application** **state** and **effectively** **applied** reactive **programming** techniques for **real**-**time** data updates. Proficient in enhancing application **responsiveness** and **user** **experience** through **dynamic** **data** **handling**.
* Utilized **Angular** **6** **services** to effectively manage **data** and **interact** with **backend** **APIs**. Expert in **streamlining** **data** **handling** and ensuring **seamless** **communication** between the **front**-**end** and **back**-**end** systems.
* Developed **business** **logic** using key **Java** **8** **features**, including **lambda** **expressions**, **streams**, and **predicates**, to improve **code** **clarity** and **maintainability**. Utilized these features to **write** more **concise**, **efficient**, and **readable** **code**. Demonstrated expertise in enhancing overall application **performance** and **maintainability** through **modern** **Java** **practices**.
* Demonstrated expertise in **Java** **8’s** Streams **API** for **flexible** **data** **manipulation** and **transformation**. **Proficient** in using operations such as **filter**, **map**, **reduce**, and **collect** to **optimize** **data** **processing** and **enhance** **code** **efficiency**.
* Utilized **Core** **Java** **features**, such as **multi**-**threading**, to **enhance** web page **responsiveness** and **applied** **object**-**oriented** **principles** to **boost** **application** **performance**. Skilled in optimizing **concurrency** and **improving** overall **efficiency** through advanced **Java** **techniques**.
* Deployed **Node**.**js** applications on **AWS**, ensuring **scalability** and **robustness** for **Staples’** **cloud**-**based** **services**, supporting high traffic during **peak** **shopping** periods.
* Implemented a **microservices** architecture using **Node**.**js** to enhance the **modularity** and **maintainability** of Staples’ **complex** **software** **solutions**, enabling efficient updates and scalability.
* Showcased **proficiency** with **tools** for **N**-**tier** and **Microservices** **architectures**, including **Spring** **Boot**, and **developed** **RESTful** **Web** **Services** accessed by various **intranet** **applications**.
* Managed **asynchronous** **programming** in **Node**.**js** to optimize application **responsiveness**, ensuring quick data retrieval for **Staples'** **product** **catalog** and **pricing** updates.
* Developed **server**-**side** applications using **Node**.**js** and **Express**.**js** to streamline **API** **development**, enhancing integration with Staples' e-commerce and **inventory** **management** **systems**.
* Oversaw the management and administration of **Oracle** **databases**, **handling** **installation**, **configuration**, and **maintenance** **tasks**. Established **effective** **backup** and **recovery** strategies to ensure **data** **integrity** and **minimize** **downtime** during **system** **failures**.

**Environment: :** Java, UML, Hibernate, JSP, HTML, CSS, Core Java, Struts MVC, JSF, EJB 3.0, XML, JAXP, Tomcat, ANT, AJAX, JavaScript, Oracle 10g, log4j, Junit, SVN., jQuery, Ajax, AngularJS, Rest API, XML, XSL, Spring technologies, Spring Security, SOAP-based JAX-WS Web Service, Restful Web services, Spring-Security OAuth-2.0, Microservices, AWS SDK, Amazon S3, EC2, Docker Container, Hibernate Framework, MongoDB, JSON, JUnit, GIT, Jenkins.

**Client: Flipkart, Bengulur, India July 2013- June 2015**

**Role: Java Developer**

**Responsibilities:**

* Played a **pivotal** **role** in the **design**, **implementation**, **deployment**, and **testing** phases of the project, **adhering** **strictly** to the **Agile** **Software** **Development** **Life** **Cycle**. Ensured alignment with **Agile** principles to deliver **high**-**quality**, **timely** results.
* Contributed to various application **modules** with a focus on **front**-**end** presentation using **HTML**, **CSS**, and **JavaScript**. Expert in **crafting** **visually** appealing and functional **user** **interfaces** to enhance overall user experience.
* Built responsive **web** **applications** with **Angular 4,** utilizing its **layout** and **styling** capabilities to ensure a uniform user experience across various devices. Developed **single**-**page** **applications** with **Angular**, **delivering** smooth and **uninterrupted** user experiences without **full**-**page** reloads.
* Migrated an **Angular** **2** application to **Angular** **4** by managing **code** **modifications**, **module** **updates**, and dependencies to improve application **performance**, **maintainability**, and utilize the **latest** **Angular** **features**.
* Developed essential features and functionalities using **Core** **Java** **libraries** and **frameworks**, ensuring the code was **readable**, **reusable**, and compliant with **coding** **standards**.
* Integrated **Core** **Java** components with **thread**-**safe** **blocks** to ensure secure **multithreaded** **access** and **validate** **transactions**. Skilled in implementing **robust** **concurrency** controls to maintain **data** **integrity** and application **reliability**.
* Utilizes **Node**.**js** to build **lightweight** and efficient **RESTful** **APIs** for microservices that handle **product** **listings**, **order** **processing**, and customer interactions.
* Utilized **Spring's** **dependency** **injection** to efficiently **create**, **inject**, and **manage** **services**, **controllers**, and **DAOs**. Ensured **seamless** component **integration** and streamlined application architecture for optimal performance.
* Integrates **Node**.**js** applications with existing **Java** **backend** **services**, allowing for seamless communication between **microservices** and **improving** overall system performance.
* Implemented **Spring** **Quartz** to **automate** tasks such as generating **monthly** **reports** and **managing** **routine** operations. Proficient in scheduling and **executing** **background** processes to enhance **operational** **efficiency**.
* Designed and **implemented** **optimized** **MySQL** **database** **schemas** with a focus on **normalization** and efficiency. Enhanced **data** **integrity** and query performance through **well**-**structured** **schema** **design**.
* Performed **extensive** **database** **development** **tasks**, including **table** **creation**, writing **MySQL** stored **procedures**, **functions**, **views**, **indexes**, **constraints**, **triggers**, and **SQL** **tuning** to improve application performance.

**Environment:** Agile, HTML, CSS, JavaScript, Angular4/6, Core Java, Spring, Hibernate, AWS, Git Junit, MySQL**.** Java, Spring Framework, AOP, IOC Design Pattern, REST, JAX-RS, Jersey, JAX-WS, Apache Axis, Google Chrome's POSTMAN plugin, JUnit, Spring-Hibernate, HTML, JSF, jQuery, JavaScript, Ajax, and Custom CSS for comprehensive development, testing, and UI enhancement