**Sneha Talluri**

**Professional Summary:**

Versatile software programmer analyst with more than around 11+ years of rich experience in the design and development of real-time distributed systems. Experienced in creating efficient, well-designed, extensible business solutions. Highly skilled in delivering compelling business solutions, and motivated to contribute.

* Experience in complete software development life cycle – analyze, design, develop, test, implement, and support.
* Object-oriented programming (OOP) using Java 8, Spring Core.
* Integration Testing, System Testing, Configuration, Agile and Scrum Methodologies, Stakeholder Management, Client Relationship Management.
* Experienced in Spring Boot Framework, Spring Security, Hibernate, and dot CMS, and integrating web applications with Single Sign On (SSO).
* Proficient in integrating Angular with RESTful APIs and GraphQL for backend communication.
* Experience in using web technologies like Web Services, WSDL, UDDI, Perl, WebLogic Portal, XML, XSD, CSS, XSLT, JavaScript, HTML, and XHTML.
* Skilled in building scalable, high-performance applications using **Java, Node.js, and RESTful APIs**.
* Experienced working with Oracle and My SQL, MongoDB, PL/SQL, Stored Procedures and Triggers, and testing tools - Junit, and Maven.
* Passionate about **AI-driven automation**, integrating **GenAI models (GPT, LLMs) into enterprise applications** for intelligent solutions.
* Worked in Agile/Scrum teams, leveraging **DevOps** practices for continuous integration, delivery, and deployment.
* Experience in writing and maintaining unit tests for TypeScript code using **Jest**, **Mocha**, or **Jasmine**.
* Skilled in debugging Angular applications using tools like Augury and browser dev tools.
* Proficient in front-end development using Java-based frameworks like **Spring MVC**, **JSF (JavaServer Faces)**, and **Vaadin**.
* Developed and integrated **AI-driven data pipelines** using **Python, Java, and Node.js** for large-scale data processing.
* Implemented **machine learning models** for predictive analytics using **TensorFlow, PyTorch, and Scikit-Learn**.
* Performed unit testing using JUnit, integration, and deployment of applications done using tools such as Maven.
* Excellent communication (both verbal and written), analytical skills, and a quick learner.
* Migrated legacy applications to modern **Angular frameworks** to improve performance and scalability.
* Proficient in PostgreSQL database management, including schema design, query optimization, and advanced features like JSON/JSONB, PL/pgSQL, and materialized views.
* Expertise in integrating PostgreSQL with Java-based applications using **Spring Boot**, **Hibernate**, and **JDBC** for efficient database access.
* Experienced Java Developer with expertise in full-stack development, leveraging **ReactJS** for dynamic front-end applications.
* Experience in integrating **TensorFlow with Java** for machine learning and deep learning applications.
* Expertise in integrating **Cassandra** with **Java-based applications**, using **Spring Boot, Hibernate, and JPA**.
* Provisioned and managed AWS/GCP/Azure resources, including EC2 instances, S3 buckets, RDS databases, and Lambda functions using Terraform.
* Experience in **designing, implementing, and optimizing Cassandra-based solutions** for high-performance applications.
* Proficient in building scalable and interactive **UI components** using React with **Redux, Hooks, and Context API**.
* Experience in building **real-time, event-driven applications** using **Apache Kafka**.
* Improved application performance by using TypeScript features like optional chaining and strict type checking.
* Extensive experience with Amazon DocumentDB and DynamoDB, specializing in schema design, data modeling, and integrating NoSQL databases into Java applications.
* Expertise in **HTML5, CSS3, JavaScript, and modern UI frameworks** (React, Angular, or Vue.js).
* Designed and implemented **serverless applications** using **Cloud Functions** and **Cloud Run** for cost-effective and scalable solutions.
* Designed, developed, and deployed Java-based microservices on **Red Hat OpenShift**, leveraging **Kubernetes** for container orchestration.
* Integrated Terraform with CI/CD pipelines using Jenkins, GitHub Actions, or GitLab CI for seamless environment provisioning.
* Led efforts to refactor legacy SOAP services into modern RESTful APIs to enhance system interoperability.
* Developed scalable **microservices** using **Spring Boot**. Skilled in integrating **AI models**, including **Large Language Models (LLMs)**, into applications. Experienced with **LangChain frameworks** for enhancing AI capabilities.
* Designed and optimized **cloud-based AI solutions** on **Google Cloud Platform (GCP), AWS, and Azure**.

**EDUCATION:**

M.S. in Software Engineering, University of Houston-Clear Lake, Houston, TX -2015-2017

B.S. in Computer Science, GNITS, Hyderabad, India - 2011-2015

**TECHNICAL SKILLS:**

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| --- | --- |
| **Technologies** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking |
| **Languages** | Java8/Java 11, JDK1.4/1.5/1.6, C++, C, SQL, PL/SQL, Python, C# |
| **Servers:** | Oracle/BEA Web logic 8.1/9.1, JBoss, Tomcat 5.0.28/6.0, Jenkins. |
| **Frameworks** | Struts 2.x/1.x, Spring 3.x/ 2.x, Hibernate 3.x, JSF 1.2/2.0, i Batis, LangChain, TensorFlow, Flex |
| **UI Frameworks** | jQuery, AngularJS, Bootstrap. |
| **IDEs** | Eclipse 3.x, IBM WSAD, IBM RAD 7.x/6/x, IntelliJ |
| **Web technologies** | JSP, JavaScript, Json, jQuery, AJAX, XML, XSLT, HTML/XHTML/DHTML/HTML5, CSS/CSS3. |
| **Web Services** | JAX-WS, JAX-RPC, JAX-RS, SOAP, WSDL, REST, SOAP UI |
| **XML Tools** | JAXB, Apache Axis. |
| **Methodologies** | Agile, Scrum, Water Fall, Rapid Application Development, SDLC |
| **Modeling Tools** | UML, Rational Rose, Vision |
| **Testing tools** | Junit, Jasmine, Karma, Selenium, Jenkins, Docker |
| **Database Servers** | Oracle 8i/9i/10g/11G, DB2, SQL Server 2000/2005/2008, MySQL |
| **Version Control** | CVS, SVN, GIT |
| **Build Tools** | ANT, Maven, Grunt |
| **Platforms** | Windows 2000/98/95/NT4.0, UNIX, Windows 7 |
| **Cloud** | AWS, GCP |
| **AI Tools** | GitHub Copilot, Vertex AI, AutoML |
| **AI Integration** | OpenAI APIs, Hugging Face, LLMs (GPT, BERT) |

**PROFESSIONAL EXPERIENCE:**

**Client: Wells Fargo, Dallas, TX Aug’23 – Present**

**Title: Sr. Java Developer**

**Roles & Responsibilities:**

* Designed robust Kafka pipelines for streaming data, implementing Service-Oriented Architecture (SOA) principles to integrate applications seamlessly.
* Designed and implemented infrastructure as code (IaC) solutions using Terraform for scalable, reliable, and automated deployments.
* Proficient in developing single-page applications (SPAs) using Angular (v2+).
* Built and deployed Spring Boot applications with efficient batch processing capabilities.
* Migrated JavaScript projects to TypeScript to enhance maintainability and type safety.
* Designed and implemented a **GenAI-powered chatbot** using **Java Spring Boot + OpenAI API**, improving customer support efficiency.
* Integrated **SonarQube** for automated **static code analysis**, ensuring adherence to Java best practices.
* Utilized **Terraform modules** and stored configurations in Git repositories for version control, enabling team collaboration in a multi-developer setup.
* Implemented **ML models using TensorFlow** Java API for predictive analytics.
* Integrated OpenAI API with Java Spring Boot microservices to enable **AI-driven** customer support automation.
* Engineered secure REST and SOAP APIs with detailed WCAG accessibility compliance.
* Developed responsive web applications using **HTML5 Canvas, WebSockets, and Web Storage APIs**.
* Debugged and resolved issues in Java applications running on Kubernetes clusters using **kubectl**, **logs**, and **exec** commands.
* Integrated **AI models** into applications using **LangChain**, enhancing text processing and automation.
* Worked with **LLMs (GPT, BERT)** to build AI-driven chatbots and content generation features.
* Implemented **AI-powered recommendations** using **OpenAI APIs** for personalized user experiences.
* Designed and deployed AI-powered features on **AWS** and **GCP**, optimizing costs and performance.
* Built dynamic, responsive **React.js** applications with Redux for state management.
* Developed **RESTful APIs for AI services**, enabling seamless integration with front-end applications.
* Integrated **AI models with microservices architecture** using **Spring Boot and Node.js**.
* Developed **AI-powered chatbots** using **OpenAI, LangChain, and NLP models** to improve **user experience in web applications**.
* Built **batch and real-time ETL pipelines** using **Apache Spark, Kafka Streams, Flink, or Apache Beam**.
* Integrated **Apache Kafka** for real-time data streaming and event-driven architectures.
* Integrated **Cassandra** with **Apache Kafka, Spark, and Elasticsearch** for real-time data processing.
* Automated CI/CD pipelines with Jenkins, Maven, and GitHub Actions to enhance development workflows.
* Implemented **reusable UI components** using Angular, reducing development time and improving maintainability.
* Designed and implemented **Cassandra-based distributed databases** for handling high-traffic, real-time applications.
* Enhanced system architecture using MS Azure Cloud technologies, including Java on Azure and Azure SQL Server.
* Implemented PostgreSQL database integration with Java applications using JDBC (Java Database Connectivity) for seamless data retrieval, insertion, and management.
* Built an API Gateway using **Node.js and Express.js** to manage API routing, security, and load balancing for a large-scale enterprise application.
* Implemented centralized logging and monitoring using **OpenShift Logging (EFK stack - Elasticsearch, Fluentd, Kibana)** and **Prometheus/Grafana**.
* Developed dynamic, high-performance web applications using **ES6 features** such as arrow functions, promises, async/await, template literals, and destructuring.
* Implemented **micro-frontend architecture**, improving modularity and ease of deployment for large-scale applications.
* Designed RESTful APIs using Java (Spring Boot) and seamlessly consumed them using TypeScript-based frontend frameworks.
* **Configured custom SonarQube rules** to ensure best practices for Java **Spring Boot microservices**.
* Developed Dockerized Java applications and orchestrated deployments with Kubernetes.
* Optimized Java application performance by tuning Kubernetes resource requests and limits.
* Expertise in building dynamic and responsive UI using Angular and Angular Material.
* Utilized Hibernate/JPA (Java Persistence API) with PostgreSQL to abstract SQL queries and improve development efficiency with object-relational mapping (ORM).
* Integrated **Generative AI-powered recommendations** in a financial services application, improving user engagement.
* Built secure RESTful APIs by implementing **OAuth2.0**, JWT (JSON Web Tokens), and token-based authentication.
* Designed and implemented scalable NoSQL schemas in **Amazon DynamoDB** for applications handling high-throughput and low-latency requirements.
* Designed and developed **scalable, multi-tenant SaaS applications** using **Java, Spring Boot, and Microservices architecture**.
* Automated **AI model deployment** using **Docker, Kubernetes, and CI/CD pipelines**.
* Collaborated with **data scientists and ML engineers** to productionize AI models in cloud environments.
* Integrated **Node.js-based services** with existing Java applications to handle real-time data processing.
* Integrated **JUnit, Selenium, TestNG, and Postman** for automated testing in **DevOps** pipelines.
* Designed and developed cloud-native Java applications leveraging **GCP services like Cloud Run, App Engine, and Kubernetes Engine (GKE)** for scalable microservices architecture.
* Analyzed query performance metrics using **AWS CloudWatch** and implemented efficient access patterns.
* Designed and executed data migration strategies from relational databases (e.g., MySQL) to Amazon DynamoDB/DocumentDB using AWS Database Migration Service (DMS).
* Automated deployment pipelines using **Jenkins, OpenShift Pipelines (Tekton), and Helm charts**.

**Environment:** Agile Methodology, Java 1.11, J2EE, Spring, Java, J2EE, Spring, Kafka, Angular 8, Hibernate, JPA, JSON, Oracle, Ant, CSS, HTML5, Spring Boot, Eclipse, JSP, Ext JS, J Query, AJAX, SOAP web services, AWS S3, AWS Lambda, Docker Containers, kafka, sonarQube, Oauth, OpenShift , Node.js ,Express.js, PostgreSQL

**Client: State of Texas(TWC), Austin, TX Jun’22- Aug’23**

**Title: Sr. Full Stack Java Developer**

**Roles & Responsibilities:**

* Develop, enhance, and maintain existing and new web-based J2EE/Portal applications within HHSC’s SOA (Service Oriented Architecture) platform using Agile methodologies.
* Implemented front-end optimizations, improving page load times by **30%** using lazy loading, minification, and code splitting.
* Integrated **React with RESTful APIs and Microservices** to build scalable full-stack applications.
* Performs application development, enhancement, maintenance, and support for State Portal, Workflow Management, Eligibility Web Services
* Led migration of legacy front-end applications to **modern HTML5, JavaScript, and CSS frameworks**, improving UX and load times.
* Optimized AI workloads on **AWS Lambda & Bedrock** for efficient **GenAI inference** in a **serverless architecture**.
* Deploying **AI applications** on **AWS (SageMaker, Bedrock), GCP (Vertex AI), Azure (OpenAI, ML Studio)**.
* Defined **custom SonarQube quality gates** to enforce code standards and prevent unreviewed merges.
* Managed application resources with Kubernetes **Namespaces** and **Resource Quotas** to optimize resource usage.
* Strong understanding of Angular modules, components, directives, and services.
* Developed and maintained **RESTful APIs & microservices** that leveraged **Cassandra** as a backend database.
* Implemented J2EE standards, and MVC architecture using Spring Framework.
* Built full-stack applications integrating TypeScript-based UI with Java microservices.
* Experience with Angular testing tools like Jasmine and Karma for unit testing.
* Worked with **TensorFlow Serving** to deploy trained models in production.
* Worked with **BigQuery, Bigtable, and Dataflow** to process and analyze large datasets for AI-driven insights.
* Built **chatbots and virtual assistants** using **Dialogflow, OpenAI GPT, and AWS Lex**.
* Worked on migration of legacy back-end applications to **Java 8** and updated **SQL queries**.
* Designed **real-time AI-powered fraud detection systems** using **Kafka, Kinesis Streams, and anomaly detection models**.
* Created and maintained **custom NPM scripts** for automation tasks like testing, building, and deployment.
* Developed **batch processing and real-time analytics** solutions using **Apache Spark with Cassandra**.
* Used **AWS Lambda with Node.js** for serverless computing, optimizing response times
* Deployed and maintained a **self-hosted SonarQube instance** for enterprise-wide Java projects.
* Designed and developed scalable RESTful APIs for seamless integration between microservices and third-party systems.
* Integrated **AI models** for NLP and predictive analytics, improving decision-making processes.
* Leveraged **LangChain** to enhance AI-driven search and query response capabilities.
* Collaborated with data scientists to optimize **AI model performance** and inference speeds.
* Automated end-to-end application lifecycle using **OpenShift Pipelines (Tekton) and ArgoCD** for GitOps-based deployments.
* Developed Web Services for data transfer from client to server and vice versa using SOAP, WSDL, and UDDI.
* Experience in working with API Gateways.
* Developed presentation tier using JSP, HTML, and CSS for manipulating, validating, customizing, error
* messages to the User Interface.
* Led **DevOps** transformation, reducing deployment through CI/CD and automation.
* Developed Dockerized Java applications and orchestrated deployments with Kubernetes.
* Proficient in debugging and enhancing TypeScript code to ensure seamless user experiences
* Optimized Angular applications using lazy loading, AOT compilation, and efficient change detection strategies.
* Generated POJO classes to map to the tables in the database using the JPA-Hibernate integration.
* Implemented Spring boot microservices to messages into the Kafka Cluster setup.
* Used Spring framework for implementing Dependency Injection, AOP, Spring ORM
* Configured the web.xml & amp; persistence.xml for the project.
* Developed **high-throughput event-driven microservices** using **Kafka and Spring Boot**
* Configured Kubernetes YAML manifests for Pods, Deployments, Services, and ConfigMaps to manage application workloads.
* Converted **PyTorch models** into **TorchScript** for efficient deployment within microservices architecture.
* Integrated **Node.js-based middleware** for handling real-time events using **WebSockets**.
* Developed reusable **React** hooks and custom components to enhance code efficiency.
* Responsible for implementing transaction management in the application by applying Spring AOP methodology.
* Communication internal and external to the system.
* Used Spring Boot for building applications with Spring initializers and bootstrapping the build configuration
* Worked on creating Docker Containers and modified Time Zones based on requirements.
* Responsible for writing SQL queries and stored procedures for data manipulation.
* Designed and normalized relational database schemas in PostgreSQL, implementing tables, indexes, views, and foreign key relationships.
* Developed PostgreSQL stored procedures and triggers to enhance business logic and automate common database operations within Java applications.
* Worked on S3 Containers.
* Used Junit, Performance, and JMETER for testing.
* Developed and deployed scalable NoSQL solutions using Amazon DynamoDB, handling over 1 million transactions daily.
* Leveraged AWS SDK for Java to integrate DynamoDB and Amazon DocumentDB into microservices, ensuring seamless data access and updates.
* Implemented partitioning strategies and tuned performance using secondary indexes and provisioned throughput settings.

**Environment:** Agile Methodology, Java 1.8, J2EE, Spring, Java, J2EE, Spring, Kafka, Angular 8, Hibernate, JPA, JSON, Oracle, Ant, CSS, HTML5, Spring Boot, Eclipse, JSP, Ext JS, J Query, AJAX, SOAP web services, AWS S3, AWS Lambda, Docker Containers

**Client: Citi Bank, Dallas, TX Jun’21 – Jun’22**

**Title: Sr. Backend Java Developer**

**Roles & Responsibilities:**

* Involved in various phases of the Software Development Life Cycle (SDLC) and worked in a highly dynamic AGILE environment and participated in Scrum and Sprint meetings.
* Wrote SQL/PL-SQL Stored Procedures & queries to create, Modify, and update data in the DB2 Database.
* Responsible for developing core modules of the Application based on the core JAVA, Framework, and built the multi-threaded environment.
* Integrated **PyTorch-based deep learning models** into Java applications using **ONNX Runtime** for real-time inference.
* Developed and integrated **custom HTML5 form validations** with backend Java services.
* Integrated **TensorFlow** with Java to analyze financial trends.
* Configured and maintained multi-node **Cassandra clusters** for high availability and fault tolerance.
* Migrated legacy JavaScript (ES5) codebase to **modern ES6+ standards**, improving readability, maintainability, and performance.
* Designed and implemented **ETL pipelines** using **Java, Spring Batch, Apache NiFi, Apache Beam, or Talend**.
* Developed **RESTful APIs** using Java (Spring Boot) and **Node.js (Express.js)** to enhance system interoperability.
* Configured Kubernetes Network Policies to secure Java microservices
* Built and managed serverless applications using **Cloud Functions** and **Cloud Run** for cost-effective and event-driven architectures.
* Developed **Java-based microservices** integrating **Cassandra** for real-time data processing.
* Implemented **Redux for global state management**, improving app scalability and maintainability.
* Developed and managed **Spring Boot** microservices running on **OpenShift clusters**, ensuring high availability and scalability.
* Implemented **TensorFlow NLP models** for chatbot responses.
* Generated POJO classes to map to the tables in the database using the JPA-Hibernate integration.  
  Continuous developments using the Java 8 latest features like streams and filter techniques.
* Improved data analysis efficiency by adding 30 new features using spring
* Used Spring framework for implementing Dependency Injection, AOP, Spring ORM
* Optimized legacy TypeScript code for better performance and compatibility with updated Java Spring backend systems.
* Developed **backend services in Node.js with Express.js** to support high-traffic web applications.
* Implemented **RESTful APIs and GraphQL services** for seamless **SaaS** product integration across multiple clients.
* Integrated RESTful APIs with **HTML5-based UIs** to enable dynamic and seamless data visualization.
* Integrated **Apache Kafka** for real-time event streaming with Cassandra as the backend.
* Used Junit, Performance, and JMETER for testing.
* Built a WebSocket-based chat application using **Node.js** and integrated it with a Java backend for database transactions.
* Integrated Terraform with tools like Jenkins, GitHub Actions, and Ansible to enable end-to-end automation of Java application deployments.
* Integrated **Cassandra** with **Apache Kafka, Spark, and Elasticsearch** for real-time data processing.
* Implemented **Redux for state management**, ensuring better UI performance and scalability.
* Participated in **DevOps best practices** to improve CI/CD efficiency.
* Designed and deployed Java-based microservices using Kubernetes for efficient scaling and management.
* Experience with checking and analyzing error logs
* Secured APIs using **TLS/SSL certificates, OpenShift secrets, and Network Policies**.
* Designed and implemented **Cassandra-based distributed data storage solutions** for high-availability applications.
* Experienced with AWS services to smoothly manage applications in the cloud and create or modify the instances.
* Implemented and produced applications utilizing Java within Kafkastreaming processing libraries.
* Worked on build scripts using Maven and used configuration management tools like AccuRev/Bit Bucket (Source Code Repository) and Continuous Integration (CI) tools like Jenkins.

**Environment:** Agile Methodology, Java 1.8, J2EE, Hibernate, Spring, XML, JSP, JAX-RS, Spring AOP, Kafka, Spring Security, Oracle, GIT, JIRA, PL/SQL, STS, JUnit, Log4J, Maven, Jenkins, WebSphere Application Server.

**Client: CNA Insurance, Chicago, IL Jun’20 – May’21**

**Title: Full Stack Java Developer**

**Roles & Responsibilities:**

* Involved in the complete Software Development Life Cycle (SDLC), developed the view-controller components using JSPs, HTML 5, CSS3, jQuery, AJAX, and JavaScript.
* Implemented routing logic, navigation, and login functionality on the client side in Angular 7.
* Developed reusable Terraform modules to standardize infrastructure deployment across multiple projects/environments.
* Developed and optimized **Java APIs** to interact with **PyTorch-trained models**, enabling AI-driven decision-making in financial applications.
* Integrated **PyTorch models** for predictive analytics in a **Spring Boot microservices** architecture.
* Experience with **Cassandra cluster setup, maintenance, and scaling** in a cloud environment (AWS/Azure/GCP).
* building end-to-end web applications, integrating **ReactJS frontend with RESTful APIs** and microservices.
* Integrated **Apache Kafka** for real-time data streaming and event-driven architectures.
* Implemented **JWT-based authentication and OAuth 2.0** for secure API access.
* Developed Dockerized Java applications and orchestrated deployments with Kubernetes.
* Used Java 1.8 features (default, static, concurrency API) to maintain Interface compatibility and concurrency.
* Developed APIs to read and publish data from Elastic Search cluster using native Java Transport client as well as REST client. Worked on Spring Integration with the Elastic Search.
* Worked with **AWS Lambda (Node.js) and API Gateway** for serverless solutions, reducing operational costs.
* Used Spring MVC framework for implementing Model-View-Controller (MVC) architecture at the web-tier level to isolate each layer of the application to reduce the complexity of integration.
* Implemented **OWASP security best practices** in DevOps workflows
* Deployed and maintained a **Cassandra cluster** in AWS with **auto-scaling capabilities**.
* Hands-on experience with GCP services like EC2, S3, SQS, SNS and Cloud watch.
* Used Hibernate ORM framework as persistence engine and wrote Hibernate Queries to automate the mapping between Oracle database and Objects in Java.
* Managed project dependencies using **NPM**, ensuring smooth package installations, updates, and version control.
* Set up firewall rules in GCP to allow or reject traffic.
* Performed automation testing and authored test scripts using Selenium Web Driver, Selenium Grid, and JUnit.
* Worked in an Agile TDD environment using SDLC tools like GIT, Jira, Jenkins, and Maven for build packaging and deployments of the application components.

**Environment:**Agile Methodology, Java 1.8, J2EE, HTML5, CSS3, JavaScript, jQuery, Ajax, Angular 7 Hibernate, Spring, XML, JSP, JAX-RS, Spring AOP, Spring Security, Oracle, MongoDB, JSP, Microservices, GCP, EC2, S3, RDS, SQS, Docker, JMS, GIT, JIRA, PL/SQL, STS, JUnit, Log4J, Maven, Jenkins, WebSphere Application Server.

**Client: American Express, Phoenix, AZ Jan’19 – Jun’20**

**Title: Full Stack Java Developer**

**Roles & Responsibilities:**

* Involved in various phases of the Software Development Life Cycle (SDLC) worked in a highly dynamic AGILE environment and participated in Scrum and Sprint meetings.
* Coordinate with business users in gathering business requirements and translating them to technical specifications by being involved in the Sprint Grooming Session.
* Worked with popular **NPM** libraries such as Lodash, Moment.js, Axios, Express.js, and integrated them into Java-based microservices.
* Developed and maintained a **ReactJS-based UI** for a banking application, integrating with Java **Spring Boot microservices**.
* Design the Graphical User Interface (GUI) using AngularJS 1.6 technologies (Directives, filters, controllers, factories, and services) and Node JS.
* Developed **high-throughput event-driven microservices** using **Kafka and Spring Boot**
* Built AngularJS modules, controllers, pop-up modals, and file uploaders.
* Designed and implemented **Kafka Producer and Consumer applications** for reliable, asynchronous messaging.
* Develops the Restful Web services APIs using Spring REST template and secures it using Basic Authentication and Open Authentication techniques.
* Worked closing with Kafka stream data.
* Database development and configuration with the application using MS-SQL.
* Serverless application built using Quarkus.
* Reviewed Kafka clusters across platforms.
* Database development and configuration with the application using MS-SQL.
* Managed regular PostgreSQL backups and restoration strategies to ensure data availability and disaster recovery in Java-based systems.
* Ensured the security of PostgreSQL databases by implementing user roles, permissions, and encryption for sensitive data used by Java applications.
* Worked with PostgreSQL extensions such as PostGIS for spatial data or pg\_stat\_statements for query analysis to enhance Java applications’ functionalities.
* Integrated **Node.js services** with relational and NoSQL databases such as **MySQL, PostgreSQL, and MongoDB**.
* Participated in troubleshooting issues on AWS, Netflix Eureka, and Cloud environments.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Works on Fortify for continuous inspection of code quality to perform automatic reviews with static analysis of code to bugs, code smells, and security vulnerabilities.
* Develop build scripts using Maven and used configuration management tools like AccuRev/Bitbucket (Source Code Repository) and Continuous Integration (CI) tools- Jenkins.
* Involved in Production release and help the team to get the release done very easily.

**Environment:** Java1.8, J2EE, HTML5, CSS3, Bootstrap, Kafka, jQuery, Angular JS, JavaScript, Node JS, Spring IOC, Spring MVC, Spring Security, Spring Boot, Spring Batch, Spring HATEOAS, Spring Data, Hibernate, Active MQ, RESTful, SOAP, Micro Service, Oracle DB, Maven, STS, Web Sphere Application Server, Mockito, JMS, UNIX, Jenkins, JIRA, log4j and GIT.

**Client: Charter Communications, Denver, CO Jan’17 – Dec’18**

**Title: Java/J2EE Developer**

**Roles & Responsibilities:**

* Participating in the system study to understand the functionality of the current system.
* Developing the Application in the OSGI framework.
* Designed and developed the REST based using the Spring Boot.
* Expertise in designing and developing full-stack web-based applications using JavaScript and modern frameworks like AngularJS 4 along with RESTful Web Services.
* Continuous developments using the Java 8 latest features like streams and filter techniques.
* Improved data analysis efficiency by adding 30 new features using Spring.
* Used Apigee as API gateway for API transformation and multiple authentication mechanisms.
* Web logic Portal was used to develop an online portal for the project.
* Developed **high-throughput event-driven microservices** using **Kafka and Spring Boot**, handling **millions of messages per second**.
* Participating in impact analysis for the requirements and using data structure algorithms.
* Effective tracking of the code is done by using Log4j, Log4j2.
* Provide support during Quality Assurance and User Acceptance testing phases.
* Provide support to the Clients in resolving the production tickets.

**Environment:** JAVA 8, J2EE, Spring Core, Spring MVC, AWS, WebLogic Server, JavaScript, AJAX, SOAP Web services/RESTful, Log4j, SVN, SAML 2.0, IDP, SP.

**Client: SG Software Ltd. India Aug’13 – July’15**

**Title: Software Developer**

**Roles & Responsibilities:**

* Created technical requirements for designing and developing various Java Components.
* Developed core modules of the Application based on the core JAVA, Framework, built the multi-threaded environment. and tiles for Layout management, and created User Interfaces using JSPs, JSTL, and HTML.
* Built an easy-to-use interface for a better experience using JavaScript, jQuery, HTML, and CSS.
* Wrote SQL/PL-SQL Stored Procedures & queries to create, Modify, update data in DB2 Database.
* Used Apache POI to incorporate the Microsoft Documents.
* Used Log4J to print the logging, debugging, warning, and info on the server console.
* Used OWC i.e., Office Web Components, and J Free Charts.
* Used Putty for Code deployment and checking log files on production environments.
* Involved in Performance monitoring of the Application.
* Deployed the application onto Apache Tomcat 5.5 and tested the same.

**Environment:** Core JAVA, JSP 2.1, HTML, DHTML, CSS, JavaScript, Tiles, Apache Tomcat 5.5, DB2, Apache POI, XPATH, XML, XSLT, SAX, Eclipse 3.4.1, VSS, Windows XP, Microsoft Vision, Java 1.5, Linux.