**Sr. Full Stack Java Developer**

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**Professional Summary:**

* Over **9+ years of IT experience as a Java Programmer** with diversified exposure in Software Process Engineering, designing & building a Web Applications using **Java/J2EE**& open-source technologies.
* **Hands - on experience** in **Software Development Life Cycle** (**SDLC**) Phases such as Analysis, Planning, Design, Implementation, Testing and Maintenance in domains like **Banking**, **Insurance**, **Healthcare**, **and Finance**.
* Extensively followed iterative methodologies such as **Agile (SCRUM), Waterfall** and **Test Driven Development** (**TDD**) in multi project implementation using **JIRA**, **Junit**.
* Experience in **Core** **Java** with strong understanding and working knowledge of **Object-Oriented Programming (OOP)** Concepts like **Collections, Multi-Threading, Exception Handling, java packages, sub packages, Applet, Regular Expressions, Abstraction, encapsulation, Inheritance and Polymorphism.**
* Extensive programming experience in **Java/J2EE** and associated server-side technologies like**JDBC, Servlets, JSP, EJB, Spring, Hibernate, Java Reflection API (JRA), Java Persistence API (JPA), Java Transaction API (JTA), Java Mail, Java Messaging Service (JMS), JNDI, JSON, XML, JAXP, JAXP, JMX, Web Services (RESTful, SOAP).**
* Proficient in building **Web User Interface (UI)** using **HTML5, CSS3,** **PHP**, **Angular JS, Node JS, Bootstrap,** **JavaScript, Typescript, AJAX, JSON, XML, JQuery**that follows W3C Web Standards and are browser compatible.
* Creating and managing application deployments on **AWS** Cloud.
* Experience in developing applications using **Object Relational Mapping (ORM)** frameworks like **Hibernate, Eclipse Link, Ibatis**and MVC frameworks like **Struts, and JSF** and spring modules such as **Spring MVC/JDBC/Security/AOP/DAO/ORM/OXM/IOC.**
* Extensive knowledge in developing applications in a single page (SPAs) using various JavaScript frameworks like **Angular 8**.
* Good working experience on IBM and **Sun Java Virtual Machine (JVM)** and its Internals, **Java Runtime Environment (JRE)**, **Java Development Kit (JDK)** and **Garbage Collection (GC)** implementation environment.
* **Hands**-**on** experience implementing **micro** **services** using **Spring Boot**.
* Used **JSON (JavaScript Object Notation)** for Data Interchange/Transmit Data between **Angular JS**and**Spring MVC.**
* Strong Experience in database design using **PL/SQL**to write**Stored Procedures, Functions, Triggers,** and strong experience in writing complex queries, using **Oracle 8i/9i/10g, SQL Server, PostgreSQL and MySQL.**
* Experience with Application servers and Web servers such as **BEA** **WebLogic, IBM Web Sphere, JBoss, Glassfish**and**Apache Tomcat.**
* Extensively used **IBM Rational Rose**in the design process for generating **UML** diagrams to **represent Use cases, Sequence, Activity, Class diagrams** and **MS Visio** for **Flow** **Charts**.
* Good experience in **NoSQL** databases **MongoDB, Cassandra,** and relational data modeling, object-relational integration (**ORM**), physical design/tuning.
* Experience in using **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.
* Good familiarity with **AWS Lambda**event-driven, serverless computing platform to manage the servers and run the code in the **AWS**.
* Extensive experience in **Amazon Web Services (AWS)**cloud computing service it includes **Amazon EC2, Amazon S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity** **and** **Access Management (IAM), AWS Cloud Watch, Amazon EBS**and**Amazon Cloud Front**.
* Experience working with **XML** parsers like **JAXP (SAX, StAX**and**DOM parsers) and JAXB**for schema binding.
* Proficient understanding of code versioning tools, such as **Git, SVN, CVS**andfamiliarity**with Rational ClearCase**(from IBM), **TFS**(Team Foundation Server from Microsoft)
* Hands on experience with build and deployment tools including **Ant, Maven**, **Gradle.** Logging and Debugging using **Log4j**, **Logback, JBuilder.** Unit and Integration testing using **JUnit,** **TestNG, Mockito, Jasmine, Karma, Selenium**.
* Excellent knowledge in the integration of **Enterprise Java Beans (EJB)** with the existing applications, worked on **Session** **Entity**, **Message** **driven** **beans**.
* Strong Professional working experience in programming with **core Java, J2EE, Swing, Servlets, Java Server Pages, Java Beans, JDBC** and **MVC** Architecture.
* Having good familiarity with **Play** 2.1 web application framework including the streaming patterns Iterate/ Enumerate.
* Hands on expertise in developing applications in a single page application (**SPAs**) using various JavaScript frameworks like **SAAS, AngularJS, Node.JS, BackboneJS, KnockoutJS, Marionette, React.JS, DustJS, ExpressJS.**
* Developed Web Services using **REST**/**Restful**, **SOAP**, **WSDL**, **UDDI**, **CXF** and **XML** using **JERSEY**.
* Excellent **communication and interpersonal skills**, quick learner, self-motivated, ability to work individually and as well as in a team environment with good team spirit.
* Hands-on experience in implementing **J2EE** compliant applications using various Design patterns, Tiles and **MVC** framework, **Hibernate**, Hibernate Listeners and call back interfaces, Messaging Middleware using **JMS** and **MQ**, Spring **JTA**/**XA** Transactions.
* Experienced in generating logging by **Log4j** to identify the errors in production test environment and experienced in**Ant, Maven and Gradle tools.**
* Strong experience in **UNIX** and **Shell scripting.**
* Worked with various Application servers like **JBOSS7**, **WebSphere**, **and Glassfish 3**and **Tomcat7 webserver.**

**Technical Skills:**

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| **Programming Languages:** | Java/J2EE (expert), SQL, PL/SQL, C/C++, MPI |
| **Operating Systems:** | Windows 7/8/10, UNIX/Linux, and Mac OS X |
| **JAVA Technologies:** | Core Java 1.8,1.9 J2EE, JSP, Servlets, JDBC, Struts, Spring MVC, Hibernate, Java Reflection API, Java Persistence API (JPA), JSON, React JS, Web Services (RESTful & SOAP) |
| **Web Technologies:** | HTML5, CSS3, XML, JavaScript, JQuery, Typescript, NodeJS, AngularJS, Angular8, AJAX, SOAP, JSON, JSTL |
| **Web/Application Servers:** | IBM WebSphere, WebLogic, Apache Tomcat, JBOSS, Glass Fish |
| **IDE’s:** | Eclipse, My Eclipse, WebStorm, IntelliJ Idea, NetBeans, Microsoft Visual Studio |
| **Databases:** | MySQL, PostgreSQL, Oracle (version -11g, 10g, 9i, 8i), SQL Server |
| **NoSQL Databases:** | Cassandra, MongoDB |
| **ORM:** | Hibernate 2.0/3.0/3.5 (expert), EclipseLink, iBATIS |
| **Version Control:** | SVN, Git, CVS, Bit Bucket |
| **Other Tools:** | Log4J, JUnit, TestNG, Maven, ANT, Jenkins, Cucumber, Splunk, Jira, Putty |
| **Cloud Computing:** | AWS, Amazon EC2, Amazon S3, Amazon RDS, AWS Lambda, Amazon SQS, AWS Identity and access management, AWS Cloud Watch |
| **Frameworks:** | Struts, Spring MVC, EJB, Tiles, Hibernate, JSF, Play, Grails, Cucumber |
| **XML Technologies:** | XML, SAX, DOM, XSL, XSLT, XPath, WSDL, SOAP |

**Professional Experience:**

**Client: Wells Fargo May 2023- Present**

**Role: Senior Software Engineer**

* Collaborated with the Home Lending Customer Communications (HLCCS) team to design and implement efficient and scalable software solutions.
* Developed and maintained Java-based microservices using Spring Boot to handle customer communication processes.
* Maintained MongoDB databases to store customer communication data, ensuring data integrity and high availability.
* Utilized Splunk to monitor and troubleshoot application performance, identifying and resolving issues proactively.
* Used AWS S3 as storage for a store to the files and images and accessed via S3 REST API.
* Installed, secured, and configured AWS cloud servers and Amazon AWS virtual servers (Linux).
* Deployed Spring Boot-based microservices Docker container using AWS EC2 container services and AWS admin console.
* Created custom, self-contained, reusable, and testable Angular 8 modules, controllers, directives, and services to implement key functionalities for customer account summary.
* Involved in the development of enterprise, GUI, and WEB applications using frameworks like Spring, JSP, jQuery, JavaScript, Angular JS, and MySQL and performed Unit Testing using JUnit.
* Developed fast in-memory applications using Java-Spark and PySpark which are efficient for batch processing Terabytes of data.
* Experienced in creating data pipeline integrating Kafka with spark streaming application used Scala for writing applications.
* Created automated test cases using JUnit, Selenium, and TestNG to ensure the reliability and stability of the software.
* Actively participated in Agile/Scrum ceremonies, contributing to sprint planning, daily stand-ups, and retrospectives.
* Created new test jobs in Vulcan on DEV, SIT and PRD environments to maintain daily Functional and Integrated tests to be run on daily and weekly basis,
* Worked on CI/CD pipelines, integrating automated testing and deployment processes to streamline releases.

**Client: Enterprise(Rent-A-Car) Oct 2021- Apr 2023**

**Role: Sr. Java Full Stack Developer/Node JS Developer**

**Responsibilities:**

* Understanding Use requirements participating in design discussions, implementation feasibility analysis both at front-end and backend level, documenting requirements.
* Worked on legacy application called EDGE which is the core application for vehicles, car sales and rentals across the Enterprise system.
* Involved in monthly production release and took part in deployment activities. Handled weekend and weekly production responsibilities and tasks involved with it.
* Proficiency with JavaScript design patterns, the latest frontend libraries, and the accompanying ecosystem.
* Worked through cross browser compatibility issues with layout and styles for all new CSS that was implemented.
* Developed the Product Builder UI screens using Angular-JS, Node JS, HTML5, CSS, JavaScript and Bootstrap.
* Coded Action classes, Java Beans, Service layers, Business delegates, to implement business logic with latest features of JDK1.5 such as Annotations and Generics.
* Designed and developed User Interface with JSP, HTML, CSS, XHTML, JSTL, JavaScript, Custom Tags, Struts Tiles and Struts Tag library.
* Used Validator framework for validation of client-side data and exception handling using Struts exception handler.
* Hands-on experience in developing Rapid applications in Angular 2 with TypeScript and implemented RXJS (reactive extension) for using Observable sequences to allow async data streams with out-of-the-box RXJS operators.
* Used AWS S3 as storage for a store to the files and images and accessed via S3 REST API.
* Worked on Web services using standard Web protocols such as XML, SOAP, and HTTP.
* Used SOAP based Web services and RESTful Web services for transferring data between applications.
* Involved in the Struts upgrade to 2.X which involved in changes to action class.
* Migrated JSP’s from Struts1 to Struts2 eliminating custom tags.
* Developing Java Web Services for different phases. Used Struts2 framework to handle application requests using SOAP web services. Implemented the data persistence using Hibernate.
* Developed the application using IntelliJ IDE and used WebLogic server to deploy the applications and worked on the JMS queues and configured on WebLogic server.
* Used SVN to manage the versions and merge the code. Used Log back for writing the logs including errors, warnings, info.
* Responsible to finish Jira Tickets assigned on time and update their status on regular basis.
* Develop detailed program design for application changes and/or major bugs.
* Involved in writing program documentation and technical specification documents. Created confluence pages for TECH Topics and documented various workspace related plugins and installation.

**Client: Honeywell, Atlanta GA Jan 2020 – Sep 2021**

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

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Developed java modules implementing business rules and workflows using Spring MVC, IoC, Web Framework.
* Had experience in performance tuning J2EE apps, performance testing, analysis, and tuning.
* Developed the Product Builder UI screens using Angular-JS, Node JS, HTML5, CSS, JavaScript and Bootstrap.
* Worked on development of Hibernate, including mapping files, configuration file and classes to interact with the database.
* Improved the maintainability of the project by implementing and improving Exception Handling and Collection APIs.
* Involves in Sprint planning for the estimation of efforts for user stories and bugs.
* Performed code reviews and provided guidelines for best practices of software management, Coding Standards and Code Commenting for better understandability.
* Implemented UNIX utilities using shell script for data validation, manual job submission, restarting failed jobs, etc.
* Used Spring Boot, which is radically faster in building cloud Micro services and develop spring-based application with very less configuration.
* Actively involved in deployment Application war files in WebLogic Application server.
* Designed and developed the REST based Microservices using the Spring Boot, Spring Data with JPA.
* Responsible for maintaining and expanding our AWS infrastructure using AWS (EC2/EBS).
* Refactored the code for JVM Optimization and performance of application.
* Involved in Maven based build process and continuous integration of the project using Bamboo and Jenkins.
* Implemented SOA architecture with Web Services using SOAP, WSDL and XML to integrate other legacy systems.
* Unit testing of developed product features using Junit and Mockito frameworks as part of development cycle.
* Wrote build and deployed scripts using Shell and ANT scripts and involved in performance analysis of the application and fixed problems/suggest solutions.
* Used SOAP based Web services and RESTful Web services for transferring data between applications.
* Knowledge of open-source frameworks including spring, Play and Lucene.
* Designed and developed various Oracle database Simple and Complex Queries, PL/SQL procedures, Stored Procedures, Trigger and Functions.
* Developed UI using AngularJS, HTML, JavaScript and developed Business Logic and Interfacing components using Business Objects, XML, and JDBC.
* Responsible to finish Jira Tickets assigned on time and update their status on regular basis.
* Develop detailed program design for application changes and/or major bugs.
* Involved in writing program documentation and technical specification documents.

**Client: Bank of America, Charlotte, NC Jul 2018 – Dec 2019**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Used Object oriented analysis (OOA) for object-modelling techniques to analyze the functional requirements for a system.
* Actively engaged in Sprint planning, story creation along with acceptance criteria and helped the team in prioritizing the stories based on the dependency and importance of the features/functionality of the target system.
* Participated in every phase of the project (Agile methodology), including iteration (Sprint) planning, daily stand-up meetings, iteration review, Sprint Demos, Retrospective etc.
* To gather information from product owner to analyze the product requirements.
* Developed User Interface using HTML5, CSS, JavaScript, and Angular JS.
* Used AJAX calls to asynchronously validate usernames.
* Used Java/J2EE Design Patterns such as Business Delegate, Singleton to cache the static data in the project extensively, which facilitates clean distribution of roles and responsibilities across various layers of processing.
* Developing and editing user Interface Screens using JSP, HTML5.0, JavaScript.
* Implemented Java Web services using Angular JS components.
* Worked on Angular directives, Controllers, Filters, Services, Templets, Events, and Injectors.
* Used Angular JS for DOM Manipulation, Filters, and Directives.
* Creating custom, general use modules and components which extend the elements and modules of core AngularJS.
* Used Twitter Bootstrap to create responsive web pages which can be displayed properly in different screen sizes.
* Worked on creating responsive website for smart devices using responsive design and Bootstrap.
* Extensively used various Spring Framework modules like MVC, DI (IOC), Auto Wiring, Spring Security, Spring Boot and AOP.
* Extensively used Hibernate mappings, HQL, Criteria, Lazy loading Transactions and Locking’s for interacting with Oracle database.
* Developed REST Web Services clients to consume those Web Services as well other enterprise-wide Web Services.
* Designed SOA integration using Apache CXF. Enabled rapid service tier development.
* Used Ajax for sending and retrieving data from server by giving URL to get JSON data for models and to populate models from the server.
* Used AngularJS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Used Bootstrap and AngularJS to create Controllers to handle events triggered by clients and send request to server.
* Created forms to collect and validate data from the user in HTML5, CSS LESS and AngularJS.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection and to wire objects of business classes.
* Used spring boot for creating decoupled architecture.
* Used Spring Inheritance to develop beans from already developed parent beans.
* Worked on Spring Quartz functionality for scheduling tasks such as generating monthly reports for customers and sending those mails about different policies.
* Developed Service layer using spring and persistence layer using Hibernate.
* Exposed the Web Services to the client applications by sharing the WSDL’s.
* Used DAO pattern to fetch data from database using Hibernate to carry out various database.
* Used Hibernate Transaction Management, Hibernate Batch Transactions, and cache concepts.
* Modified the Spring Controllers and Services classes to support the introduction of spring framework.
* Used Hibernate as ORM tool and defined the mapping and relationship of each table in database.
* Used Hibernate framework for back-end development and Spring dependency injection for middle layer development
* Worked with Web services components JAX-RS services and worked with Restful Web services interact with external systems.
* Used Amazon Web Services (Amazon EC2, Amazon S3).
* Designed, configured, and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon Web Services focusing on high-availability, fault tolerance and auto-scaling.
* Installed the application on AWS EC2 instances and configured the storage on S3 buckets.
* Built and Configured Servers in AWS Cloud Environment.
* Used Maven and Jenkins to automate the build and deploy process.
* Focused on Test Driven Development; thereby creating detailed JUnit tests for every single piece of functionality before actually writing the functionality.
* Created user-friendly GUI interface and Web pages using HTML, Angular JS, JQuery and Java script.

**Client: Bank of America, Charlotte, VA Apr 2017 – Jun 2018**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Used Spring Framework extensively for dependency injection/Inversion of control (IOC), and integration of Controller, Service and DAO layers.
* Designed the Front-end screens using JSP, JSTL, Servlets, HTML 5and JavaScript and JQuery, DOJO struts Tiles.
* Developed front end of the application using angular JS.
* Developed AngularJs module to dynamically update pages based on data from REST services.
* Developed data formatted web applications and deploy the script using client-side scripting using Angular JS.
* Used advanced level of jQuery, AJAX, Angular Js, Bootstrap and CSS layouts.
* Developed Single Page Application (SPA) using AngularJS Framework.
* Used JavaScript, jQuery for user interactions in pages. Creating a responsive web application integrating Twitter Bootstrap with Angular JS and media queries.
* Developed the presentation layer using Spring MVC, Spring Core for Inversion of Control (IOC), and application Context of Spring Framework in the project.
* Implemented entire application using Core java, java Collections and Spring MVC design framework.
* Developed MVC design patterns using Angular JS.
* Define the storage purpose of collections in Mongo DB.
* Unstructured data was handled with the help of Mongo DB.
* Developed Java web services using JAX-RS.
* Integrated Angular JS component with Java Web services.
* Used log4j for logging and SVN for version control.
* Developed Maven scripts and developed builds using Maven and continuous integration servers like Jenkins.
* Implemented SOAP Web Services for other applications to communicate.
* Involved in consuming, producing SOAP based Web services using JAX-WS
* Experience in Open-Source technologies like AWS, Cassandra, Kafka, Mongo DB, and AngularJs.
* Extensively used AWS to integration with Enterprise and web applications.
* Migrated the Entire traditional EC2 Classic environment to Private network in AWS Cloud. This included a 3 tier Web Application. Integrated custom Cloud Portal to AWS APIs for Automated Network.
* Worked on mocking frameworks like using Karma, Jasmine, and Protractor.
* Development of internal dashboard applications using the Apache HTTP Server.
* Expertise in implementing application using Apache Kafka
* Consumed Web Services for getting the credit card information from third party application.
* Used Git as Version Control System for the application.
* Used Bugzilla tracking tool to track bugs.

**Client: Faraday future, Los Angeles, CA June 2016 – Mar 2017**

**Role: Java Developer**

**Responsibilities:**

* Involved in gathering system requirements for the application and worked with the business team to review the requirements and went through the Software Requirement Specification document and Architecture document.
* Developed the application using Spring Framework that uses Model View Controller (MVC) architecture with JSP as the view.
* Developed presentation layer using JSP, HTML and CSS and JQuery, Ajax, JavaScript.
* Developed JSP custom tags for front end.
* Written JavaScript code for Input Validation.
* Developed server-side services using Spring Web Services (SOAP, WSDL).
* Extensively used Spring IOC for Dependency Injection.
* Developed J2EE components on Eclipse IDE.
* Used Restful web services with JSON.
* Consumed and Developed Web services (REST) through JAX-RS in Apache Axis to interact with other components.
* Used Oracle10g database tool to build, edit, and format database queries, as well as eliminate performance issues in the code.
* Used Oracle10g database for tables creation and involved in writing SQL queries using Joins and Stored Procedures.
* Used DOM for parsing the XML, XSLT Document.
* Used Apache CXF open-source tool to generate java stubs from WSDL.
* Used Multithreading and Concurrency and implemented threads while preparing and generating mails.
* Used Hibernate for Object-Relational Mapping and for database operations in MongoDB database.
* Used tortoise SVN tool to keep track of all work and all changes in source code.
* Used JUnit for testing the application and Maven for building Projects.
* Deployed the applications on WebSphere Application Server.

**Client: Virtusa INC., India Nov 2013 – Nov 2014**

**Role: Java Developer**

**Responsibilities:**

* Used Object oriented analysis (OOA) for object-modelling techniques to analyze the functional requirements for a system.
* Actively engaged in Sprint planning, story creation along with acceptance criteria and helped the team in prioritizing the stories based on the dependency and importance of the features/functionality of the target system.
* Participated in every phase of the project (Agile methodology), including iteration (Sprint) planning, daily stand-up meetings, iteration review, Sprint Demos, Retrospective etc.
* To gather information from product owner to analyze the product requirements.
* Developed User Interface using HTML5, CSS, JavaScript, and Angular JS.
* Improved the maintainability of the project by implementing and improving Exception Handling and Collection APIs.
* Involves in Sprint planning for the estimation of efforts for user stories and bugs.
* Performed code reviews and provided guidelines for best practices of software management, Coding Standards and Code Commenting for better understandability.
* Implemented UNIX utilities using shell script for data validation, manual job submission, restarting failed jobs, etc.

**Education:**

Masters in computer science- New York Institute of Technology

Bachelors in computer science- Jawaharlal Nehru Technological University