**MOHAN**

**Sr. Java Backend Developer**

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**Professional Summary:**

**Over 10+ Years** of experience as a **Senior Java Backend Developer** in **design, development and implementation of software applications using Java, J2EE, technologies.**

* Experience in developing and maintaining server-side **Java web applications** in a multi-tier environment using JDK 1.5 and higher.
* Having good experience in the **Information Technology Industry and healthy participation** in all phases of **Software Development Life Cycle (SDLC)** including analysis, design, coding.
* Experience in **Test Driven Development, Waterfall model and agile methodologies** like SCRUM.
* Expertise experience in estimations, analysis, design, development, testing, maintenance, performance tuning and deployment of internet, e-commerce and client-server applications using **Java, Servlets, JSP, JavaBeans, JDBC, Spring, Hibernate, AJAX, JavaScript.**
* Experience with different IDEs like **Eclipse, NetBeans, IntelliJ.**
* Installing, configuring, and administering Jenkins CI tool using Chef on **AWS EC2** instances
* Good knowledge and experience in **Core Java and J2EE design patterns** like Singleton, Abstract Factory, Builder, MVC2, Business Delegate, DAO etc.
* Expertise in various open-source frameworks like **Angular 14/13, Node JS, Struts 2.0/1.2, Spring 2.5/3.0, Spring MVC, IoC, Web and ORM Technology like Hibernate 3.0, JPA, EJB3.0, I Batis, My Batis, jQuery.**
* Expertise in Distributed and Web environments, focused on JAVA Technologies -**Java collections, Threads, J2SE, JDBC, Struts, Spring, Hibernate Framework.**
* Expertise in Web-Development technologies like Servlets, JSP, JSTL, HTML5, JSON, JavaScript, CSS3, XSL/XSLT, AJAX, jQuery.
* Good **OOAD skills and data modeling using UML** (Use-cases, Class diagrams, Sequence diagrams etc.). Used UML tools like STARUML.
* Working knowledge on **Testing with different testing tools and prepared unit testing**, Module testing, System testing and Acceptance testing plans.
* Hands on experience in creating components using **React.js.** Good experience in creating components documentation using React.js.
* Solid Experience in creating Kubernetes Clusters in **AW**S and deploying a Docker Image on top of Kubernetes Cluster.
* Committed to maintaining clean and well-documented code in line with **Material-U**I best practices, contributing to codebase maintainability.
* Created multiple Kubernetes Clusters in **AWS** and deployed a Docker Image on top of **Kubernetes Cluster** for testing purposes.
* Proficient in working with **Azure cloud platform** (Data Bricks, Data Factory, HDInsight, Data Lake, Blob Storage, Synapse Analytics, Azure SQL, SQL pool, Azure Serverless apps)
* Utilized **Java 11 features like Lambda expressions and Stream API for Bulk data operations on Collections** which would increase the performance of the Application.
* Extensive knowledge of **XML-based standards and protocols (such as WSDL and SOAP), Service Oriented Architecture (SOA), development of XSD schemas and implementing both SOAP and REST web services**.
* Configured and managed **AWS Glacier**, to move old data to archives based on the retention policy of databases/ applications.
* Extensively experienced in **Middle Tier Development using Servlets, JSPs, and EJB (3.0).**
* Experience in using **DOM4J, JAXB, JAXP parsing and XML Bean** to process, validate, parse and extract data from XML files.
* Experience in Continuous Integration tools such **Jenkins.**
* Good knowledge and experience with multiple Servers like **IBM Web Sphere, IBM Web Sphere ESB (Enterprise Service Bus), Web Logic server, Apache Tomcat, JBoss.**
* Experienced in generating **logging by Log4j** to identify the errors in production test environment and experienced in **Ant, Maven and Gradle tools.**
* Integrate MQ and JMS with other technologies and systems within the application stack, such as angular.
* Strong experience in **Perl scripting.**
* Work with the JMS API to create connections, sessions, producers, and consumers, and manage acknowledgment and transactional behavior.
* Worked with various Application servers like **JBOSS7, WebSphere, GlassFish3 and Tomcat7 Webserver.**
* Perform **Root-cause Analysis** post issues and provide suggestions to application team to avoid similar production issues in future.
* Experience in **End-to-End implementation** of cloud solution including support during warranty period.

**Technical Skills:**

* **Programming Languages:** Java 11
* **J2EE Technologies:** JSP, JDBC, JMS, RMI, Servlets, JNDI, JSF, Swings.
* **Java Frameworks:** Spring 4.0, Struts 1.x/2.0, Hibernate 5.12.
* **Web Technologies:** HTML 5, CSS3, JavaScript, AJAX, jQuery, XML, Node JS, React js.
* **Web Services:** REST, SOAP, Apache Axis 2
* **Databases:** MySQL, Oracle 12c, MongoDB, Microsoft SQL Server 2014, MS Access, TOAD.react
* **App/Web Servers:** Apache Tomcat 7.0.x, Oracle Web Logic Server 12c, JBoss 4/5, Web Sphere.
* **Build Deploy Tools:** Maven, Ant, Log4j, JAP7, SDSS.
* **Operating Systems:** Windows 11, DOS, UNIX, Linux
* **Design Patterns:** MVC, Singleton, Factory, Front Controller, DAO
* **IDE Tools:** Eclipse, Net Beans, RAD, Visual Studio
* **Version Controls:** CVS, SVN, GIT
* **Cloud Services:** Amazon Web Services (AWS), Azure, GCP
* **Testing Tools:** JUnit, HP-ALM, Selenium, Eclipse plug-ins.

**Professional Experience:**

**Molina healthcare,** **Bothell, WA April 2022 to Present**

**Sr. Java Full Stack Developer**

* Actively involved in Analysis, Design, Development, System Testing, and User Acceptance Testing. Successfully followed **Agile methodology** in the Scrum Cycle Method.
* Developed UI pages with **HTML5, CSS3, JavaScript, and React JS 14** for creating Web pages.
* Used **React JS 14** to build the front-end application, providing an interactive user interface for users to browse.
* Worked on ReactJS in developing the web application to bind the data being retrieved from a database through services provided in a controller to the view using a scope.
* Worked on **React lifecycle methods** ‘componentDidMount’, ‘componentDidUpdate’, and ‘componentWillUnmount’ to do all the initializations and the functions to handle UI updates based on user interactions.
* Proficient in React.js with a focus on creating visually appealing and user-friendly web applications using **Material-UI components.**
* Worked on building & deploying Java code through Jenkins, used Jenkins Amazon Web Services (AWS) Code Deploy plugin to deploy to AWS and worked AWS Cloud management.
* Used **Spring Boot** to create a set of **RESTful APIs** for searching flights, processing bookings, etc.
* Designed and developed the REST-based **Micro Services** using Spring Boot and
* Integrated **Spring Batch** with CSV files, and web services for data extraction and processing.
* Integrated **Terraform** with Jenkins to automate the deployment of infrastructure.
* Implemented **RESTful web services** and deployed the application in the web server **Apache Tomcat.**
* Used React flux to polish the data and for single directional flow.
* Worked on building & deploying Java code through Jenkins, used Jenkins Amazon Web Services (AWS) Code Deploy plugin to deploy to AWS and worked AWS Cloud management.
* Used **Spring Boot** Actuator to externalize the application’s configuration properties for different environments.
* Demonstrated expertise in customizing **Material-UI** components to align with diverse design requirements, ensuring a cohesive and branded user experience.
* Developed various screens for the front end using **ReactJS** and used various predefined components from **NPM** (Node Package Manager).
* Created JS components using JSX and used **React** JSON schema for implementing and building HTML forms out of a JSON schema and using Bootstrap semantics by default.
* Used React for front-end development and used **Node.js** to render React components on the server.
* Worked on AWS for continuous integration of files to the UI and worked for the backend development using Node.js and Mongo DB. Implemented Multithread concepts in Java classes to avoid deadlocking.
* Proficient in using Git for version control, including managing Material-UI-related code repositories in collaborative environments
* Designed spring boot mechanism without configuration **XML** and replaced it with Java classes.
* Implementing or exposing the **Microservice architecture with Spring Boot-based services** interacting through a combination of REST and **Apache Kafka** message brokers.Utilized **Cucumber** with **Maven** to enable seamless test execution as part of the **CI/CD pipeline.**
* Used **Elasticsearch** Java API to **perform CRUD operations** on Elasticsearch indices and executed search queries.
* Worked on creating **Docker** container images, tagging, pushing the images, and integrating Spring Boot. Also, to build ports and other utilities to deploy web applications.
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* Used **GIT for version control**, and hosting repository **Bitbucket.**

**Environment:** HTML5, CSS3, React 14, NodeJS, AWS, JavaScript, Typescript, jQuery, AJAX, Maven, Micro services, Jasmine, Bitbucket, Kafka, JMS, AWS (S3, EC2), IntelliJ, Jenkins, Docker and Kubernetes.

**GDIT Rensselaer, NY September 2019 to March 2022**

**Java Full Stack Developer**

* Involved in Client Requirements gathering, Analysis, Design, Development, and Testing of the application using **AGILE methodology (SCRUM).**
* Developed web-based applications using **Java/J2EE, Servlets, Struts, Spring IOC, Spring MVC, Spring AOP, Spring Security, Spring Boot, Spring Web Flow, Spring Data, JDBC, Web Services (SOAP & Restful services), and ORM frameworks like Hibernate.**
* Involved in multi-tiered J2EE design utilizing Spring Inversion of Control (IOC), AOP, MVC, and Hibernate.
* Built enterprise applications using**Angular 14, RXJS, and NGRX platform.** Developed components as an independent module for reusability across the application.
* Implemented secure user authentication and authorization mechanisms within the CCWIS using HIPAA.
* Experience in creating reusable Angular components, including templates, styles, and logic.
* All the functionality is implemented using Spring IO/ Spring Boot and Hibernate ORM. Implemented Java EE components using **Spring MVC** and Spring IOC.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Set up the **Continuous Integration (CI) process and Continuous Deployment (CD)** jobs in the Jenkins brew master instance, which reduces the time for the deployment of microservices.
* Automated infrastructure in AWS utilizing **Amazon web services (AWS).** Deploy Puppet to completely provision and manage **AWS EC2** instances and volumes.
* Responsible for creating an instance on **Amazon EC2(AWS)** and deploying the application on it.
* Developed **Hibernate** in Data Access Layer and Implemented Hibernate Template to a great extent making use of HQL, Named Parameters, Named Queries, and interfaces such as Expression, Query, and Criteria.
* Involved in writing java API for Amazon Lambda to manage some of the AWS services.
* Developed API for using AWS Lambda to manage the Server less architecture and run the code in AWS.
* Designed the responsive front-end screens using **Angular 14, HTML5, CSS3, JavaScript, Typescript, jQuery and Bootstrap**
* Implemented structured and unstructured data into **Elastic Search** to perform advanced searches on that data using Elasticsearch’s Query DSL.
* Used **Amazon Web Services (AWS) like EC2, S3, RDS, cloud watch, and CloudFront** for promoting code in various environments.
* Implemented **Python** scripts to run the automation jobs to send emails for event notifications etc.
* Implemented **Maven Scripts** such as to create JAR, WAR, EAR, and dependency JARS and deployed the entire project on the WebLogic Application Server.
* Worked on **front-end components** – HTML5, CSS3, and Angular13 for developing components of CCWIS.
* Developed Python scripts to find vulnerabilities with SQL Queries by doing SQL injection.
* Worked on the application on **Eclipse as the IDE** and used Eclipse standard/plug-in features for editing, debugging, compiling, formatting, build automation, and test case template generation.
* Prepared **Junit and Test NG** test cases and executed them as part of the auto-build process from Jenkins Jobs, Worked with **GIT, git-bash, and git-hub.**
* Ensured a responsive design using Angular Material or other UI frameworks, guaranteeing a consistent and user-friendly interface across various devices and screen sizes.
* Integrated **JMeter** Test cases into Maven and Monitored the error logs using **Log4J.**
* 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.

**Environment:** Java, Python, Angular 14, Spring MVC, Spring Boot, Node JS, AWS, EC2, S3, SQS, cloud watch, Hibernate, JDBC, RESTful APIs, OEM, TOAD, Eclipse, Maven, JUnit, Mockito, Jenkins, Docker, Kubernetes, Mongo DB, Linux, GIT, GitHub.

**Macy's, New York, NY May 2017 to August 2019**

**Sr. Java Full Stack Developer**

* 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, and Web Framework using JDK 1.6.
* Designed the responsive front-end screens using **Angular 11, HTML5, CSS3, JavaScript, Typescript, jQuery and Bootstrap.**
* Developed component-based user interfaces for web applications using **Java Server Faces.**
* Designed and developed the **REST based Micro services** using the Spring Boot, Spring Data with JPA.
* Migration of current search process from Database to SOLR search engine.
* Used **Spring Boot** which is radically faster in building cloud Micro-services and develop spring-based application with very less configuration.
* Implemented **SOA architecture** with Web Services using **SOAP, WSDL and XML to integrate other legacy systems.**
* Knowledge of open-source frameworks including **spring, Play and Lucene.**
* Involves in Sprint planning for the estimation of efforts for user stories and bugs.
* Worked on AngularJS in developing the web application to bind the data being retrieved from a database through services provided in a controller to the view using a scope
* Performed code reviews and provided guidelines for best practices of software management, Coding Standards and Code Commenting for better understandability.
* Unit testing of developed product features using **Junit and Mockito** frameworks as part of development cycle.
* Improved the maintainability of the project by implementing and improving Exception Handling and Collection APIs.
* Refactored the code for JVM Optimization and performance of application.
* Developed **UI using Angular JS 11, HTML, JavaScript** and developed Business Logic and Interfacing components using BusinessObjects, XML, and JDBC.
* Used **Angular 11** Http services for asynchronous validations for the input fields of the forms with the data existed in the database.
* Oracle was used as the database for the application which was hosted in the cloud using Amazon RDS service.
* Took part in setting up the routing configuration using **Angular 11** UI router for various views and sub views and Angular CLI with Web Pack to perform builds and creating production ready code for deployment.
* Implemented UNIX utilities using shell script for data validation, manual job submission, restarting failed jobs, etc.
* Expertise in working with build tools like **Maven.**
* Actively involved in deployment Application war files in WebLogic Application server.
* Responsible for maintaining and expanding our AWS infrastructure using AWS (EC2/EBS).
* Experienced in full-text search engine techniques like Lucene, Solr with Jetty Server.
* Performed performance tuning **J2EE apps,** performance testing, analysis, and tuning.
* Developed Hibernate, including mapping files, configuration file and classes to interact with the database.
* Developed various **Oracle database Simple** and Complex Queries, PL/SQL procedures, Stored Procedures, Trigger and Functions.
* Developed more than 20 tables in Oracle 11g for updating and modifying queries in a database.
* Used SVN for source code control.
* Used service clouds for data-based systems and salesforce technologies.
* Wrote build and deployed scripts using Shell and involved in performance analysis of the application and fixed problems/suggest solutions.
* Involved in writing program documentation and technical specification documents.
* Responsible to finish **Jira** Tickets assigned on time and update their status on regular basis.

**Environment:** Java, J2EE, Spring v3.x, Spring MVC, hibernate v3.0, Oracle DB, Angular-JS 11, Node JS, Bootstrap, CSS, HTML5, JavaScript, jQuery, AJAX, GIT, IntelliJ, AWS SNS/SQS, DB Visualizer, service clouds, Tomcat, JBoss, SVN, Maven, JIRA, SOAP/Restful Web Services, Red hat Linux, Jenkins, WSDL, Spring Based Micro Services, Agile, cucumber, Bamboo CI.

**Careator Technologies Pvt Ltd Hyderabad, India November 2015 to February 2017**

**Java/J2EE Developer**

* Working on application architecture and re-design of different parts of the application.
* Working with Requirement leads and Project managers to translate business Requirements into technical specifications.
* Developing database persistence layer components for mapping an object-oriented domain model to the relational database using ORM framework such as Spring Data JPA and Hibernate.
* Working in Agile mode and interacting closely with the product owner and business team.
* Optimizing the cost of application development and maintenance by using economies of scale under an SLA governed process.
* Working with Apache Solr and Elasticsearch for searching the person and business details.
* Designing and developing microservices using Spring Boot, which is faster in building microservices and requires less configuration.
* Writing Stored Procedures, functions, SQL queries, and backend programming using Oracle, PostgreSQL, or MySQL.
* Developing presentation tier web components using React or Angular framework and deploying the application in a webserver or container such as Tomcat or Jetty.
* Application development using Spring, Hibernate, My Batis, JAX-RS, JAX-WS, XML, Web Services- SOAP, WSDL, JSON and JDK 1.6.
* Implementing MVC architecture using Spring MVC framework using React or Angular as GUI development and DB Modeling using NoSQL and PostgreSQL.
* Deploying and monitoring scalable infrastructure on Amazon Web Services (AWS) and using Terraform or CloudFormation for configuration management.
* Performing client-side validations using JavaScript and React or Angular validation framework.
* Performing Impact Analysis, Design, and Estimations for the enhancements to the applications.
* Interacting with the business users to gather requirements and providing high-level design with Sequence and State-chart diagrams.
* Writing Unit Test Cases and Integration Test Cases using JUnit, Mockito, and Jest or Enzyme.

**Environment:** Core Java, J2EE JSP, Servlets, JDBC, Collections, Generics, JUnit, Solr, Lucene, Struts, Spring, AWS, JBPM, Hibernate, Micro services, Eclipse, WebLogic Application Server 5.0, UML, SQL, Oracle 10g, Agile, Maven, SVN, Clear Quest.

**Brio Technologies Private Limited Hyd India July 2013 to October 2015**

**Java Developer**

* Following Waterfall methodology, an iterative development for the project and participating in code reviews.
* Developing User-friendly Interfaces using Bootstrap, jQuery, Gulp, HTML5, CSS3 and ES6.
* Developing React components to implement various feature specific modules in the application and worked with a team to move existing web apps to react with ES6 Features.
* Developing drag and drop document editing using react JS-dnd and React JS-motion.
* Using MyBatis & IBatis persistence framework to provide support for custom SQL, stored procedures and mappings.
* Working on converting the PSD to a pixel perfect XHTML page using CSS3 and HTML5.
* Developing tools using Python, Shell scripting, XML to automate some of the menial tasks.
* Implementing the application specific SOAP based Web services to transfer data in real-time between EXPERE document engine, Teamwork's BPM tool and other legacy systems by utilizing WSDL, SOAP, Axis and JMS technologies.
* Experience in developing web-based GUIs using Angular JS and JSP, HTML, and JavaScript.
* Developing EJB Components, which encapsulate business logic and build up the model for the system.
* Configuring and deploying the application in IBM WebSphere application server.
* Experienced best practices for integrating microservices into an existing system architecture.
* Deploying J2EE Web and EJB modules using WebLogic Command Line Deploy tool and WebLogic Admin Console.
* Working with a variety of issues involving multi-threading, server connectivity, and user interface.

**Environment:** Java, J2EE, HTML, CSS, JavaScript, XML, JSP, Angular JS, ang JS, Servlets, Spring, Struts, Jasper Report, Hibernate, Web services, SQL, BPM, Oracle, Golang, GWT, Stash, AWS, bamboo, cucumber, Micro services, Eclipse, GIT, Jenkins, Maven, Log4j, JUnit, WebLogic 10.X, IBM WebSphere Application Server, JIRA, Clear case.