**JAVA FULL STACK DEVELOPER**

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**Professional Summary**

* Full Stack Java Developer with over 8+ Years of progressive experience in Design, Development, Testing, and maintenance using **Java/J2EE** technologies.
* Collaborated with cross-functional teams, including designers, product managers, and QA, to understand project requirements and deliver exceptional user experiences.
* Implemented front-end interfaces using JavaScript, **Angular**, and **React**, ensuring responsive designs and seamless user interactions.
* Extensive experience as a Full Stack Java Developer with expertise in Design, Development and Deployment of Web applications in multiple business domains.
* Extensive development experience in web applications using Java 11, Spring Framework, **Spring Boot** and API’s, Swagger and Open API Specifications, JDBC, XML, JavaBeans.
* Extensive experience in working with MVC Frameworks like Spring, Spring Boot and ORM (Object Relational mapping tools) like **Hibernate**.
* Strong knowledge in Spring Framework using IOC/AOP, Spring Boot, Spring Transaction support (Declarative/ Programmatic), Hibernate via Spring Data JPA.
* Experience with Git version control system and **Maven**. Proficient in Web designing & development, using HTML5, CSS3, JavaScript, XML, Angular, React JS, JSON, JSF and Ajax.
* Expertise in building server-side Java Script framework using Node (Express JS).
* Experience in Java Messaging Service (**JMS**), and messaging technologies such as Message Driver Bean. Expertise in XML and related technologies like XSD, XSL, XSLT and parsers like JAXP, SAX, DOM and JAXB. Experience on J2EE design patterns such as Business Delegate, Service Locator, Transfer Object, Data Access Object, Session Facade and Singleton patterns.
* Strong Experience in implementing **SOAP**& **RESTful** Web Services. Strong in **Redis** cache implementation for stateful distributed services.
* Proficiently developed engaging web applications using **Angular** and **React**, incorporating **Redux**, **NgRx**, and component-based architecture for optimal user experiences.
* Expert in crafting responsive UIs with advanced features like hooks, directives, and routing, utilizing modern tools like webpack and Babel for high-performance, cross-browser compatible applications.
* Worked extensively on **CSS Flexbox**, **CSS Grid** **layouts**.
* Extensively used many third-party UI plugins like **Material UI**, Priming etc.
* Extensive experience in Amazon Web Services (**Amazon EC2, Amazon S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS , Amazon EkS and Amazon CloudFront**).
* Proficiently designed and developed Java full stack applications, leveraging Azure services (e.g., **Azure App Service**, **SQL Database**, **Key Vault**), integrating **Azure DevOps** for, and demonstrating expertise in serverless architecture (**Azure Functions, Event Grid**) for enhanced app responsiveness and resource utilization.
* CICD Experience in creating **Docker** images, **Containers**, and orchestrating with **Kubernetes**.
* Expertise in deploying Enterprise Java Applications on Servers like **Tomcat, WebLogic, WebSphere** and **JBoss**. Experience in writing ANT, **Maven** builds scripts, providing logging facility using **Log4j** and Writing Junit test cases.
* Maintained fully covered application development with **JUnit, Mockito, Jasmin** and **Jest, Karma**.
* Experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from SQL relational databases to **NoSQL** databases like MongoDB, **Cassandra** and **CouchDB**.
* Extensive experience working with **RDBMS** -PL/SQL programming on Oracle, **MySQL** and **SQL Server**, writing Stored Procedures and SQL Queries.
* Utilized **Splunk**, **Kibana**, **Graphana**, **AppDynamics** and **Dynatrace** to ensure real-time performance monitoring, issue diagnosis and optimization in complex application environments.
* Experienced in software development methodologies like **Agile/Scrum**. Excellent written and verbal
* communication skills, Analytical, Problem-Solving skills, strict attention to detail and ability to work

independently, lead/work within a team environment.

**TECHNICAL SKILLS:**

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| **Languages** | Java, PL/SQL, SQL |
| **Java/J2EE Technologies** | Core java, JMS, Java Beans, Java Multithreading, Generics and collections, Tiles |
| **Web Technologies** | HTML5, XML, DOM, JSON, CSS3, JavaScript, AJAX, Angular, ReactJS, Redux, React Native, Node.JS |
| **Frameworks** | Spring, Spring Boot, Hibernate |
| **Unit Testing** | Junit, Mockito, Cucumber, Jasmine, Karma |
| **App servers** | IBM Web Sphere, Apache Tomcat, BEA WebLogic |
| **Databases/Tools** | Oracle, SQL Server, MySQL |
| **Methodologies** | Agile |
| **Version Control Tools** | GitLab, GitHub, Bitbucket |
| **Operating Systems** | Windows, Linux |
| **Build-Automation Tools (CI)/ Issue Tracking Tools** | Maven, Gradle, Apache ANT, Jenkins, JIRA |
| **Monitoring tools** | Splunk, Kibana, Graphana, JProfiler, Dynatrace |

**EDUCATION:**

Bachelors in computer science from 2010 to 2014.

Masters in computer science from March 2018 – December 2019

**PROFESSIONAL EXPERIENCE**

**CLIENT: Caterpillar, IL July 2021 - Till Date  
Position: Sr. Full-Stack JAVA Developer**

**Responsibilities:**

* Involved in analyzing, designing, proposing, and delivering solutions that are appropriate for the business and technology strategies
* Developed using new features of Java 11, annotations, enhanced for loop and Lambda expressions for array operations, collections throughout the application for well-defined programming
* Utilized Java 8 features like Lambda expressions and Stream API for bulk data operations on Collections which would improve performance of the Application
* Developed several controller classes as required for the design such as Simple Form controller, Multi Action controller, etc. in Spring MVC.
* Used Eclipse as development tool, WebLogic as application server, and Harvest was used for version controlling.
* Developed application using Spring Boot and React on the presentation layer
* Implemented Non-blocking components (Files, Message) in Node.js for backend & React.js in frontend
* Developed multiple POCs to create an interface between Backend to Frontend by using MongoDB, React JS and Node.js.
* Implemented Microservices architecture using Spring Boot for making applications smaller and Independent.
* Developed Cloud Compatible Micro Services using Spring Boot and related web technologies
* Implemented the Project structure based on Spring MVC pattern using Spring Boot.
* Implemented the persistence layer using Hibernate and configured Hibernate with Spring Data JPA to interact with the database.
* Designed REST services with scalability in mind, enabling horizontal scaling and containerization for effective resource use.
* Experienced in swiftly locating and fixing problems in RESTful APIs and microservices to prevent downtime and guarantee seamless operation.
* Created software that uses multithreading for parallel processing, greatly enhancing performance and responsiveness.
* Involved in designing web applications using HTML5, CSS3, React.JS, Redux, JavaScript and Bootstrap for Front End Development
* Used React.JS and JSX to develop functional and stateless components, virtual DOM manipulation props, lifecycle methods, states and events.
* Demonstrated proficiency in maximizing Kafka clusters for high performance and scalability, resulting in increased data throughput and decreased latency.
* Successfully incorporated Kafka into intricate data pipelines, enabling effective data interchange between various applications and systems, and enhancing data accessibility.
* Created and put into use streaming architectures based on Kafka for event-driven applications, allowing for quick data processing and decision-making.
* Capable of analyzing enormous amounts of data and carrying out intricate data transformations using Apache Spark, an open-source distributed computing platform.
* Ability to query structured data using SQL-like syntax utilizing SparkSQL, which facilitates the analysis and processing of tabular data.
* Enhanced customer interactions and decreased agent burden by using Dialog flow to build and implement conversational AI solutions for the Contact Center AI (CCAI) platform.
* Google LDAP has been integrated to provide secure user authentication and authorization procedures,   
   ensuring strong user access restrictions and data security.
* Built CICD pipelines using Jenkins
* Worked with Docker container snapshots, attaching to a running container, managing containers, directory structures.
* proficient in creating and managing strong messaging solutions for seamless data integration using TIBCO EMS and Business Works.
* Experienced in setting up and managing AMQP-based and MQ systems to provide dependable and effective message communication.
* knowledge of SAP cloud products, including SAP S/4HANA Cloud and SAP Business Technology Platform
* Able to write unit tests before implementing code to ensure robustness and maintainability. skilled in test-driven development (TDD) approaches.
* Expertise in using TDD to guide the design and development of software components.
* Microservices architectures were created and put into use using orchestration (Kubernetes) and containerization (Docker).
* Able to set up, configure, and manage Kubernetes clusters with ease, delivering high availability and scalability.
* Proficient with OpenShift's deployment, management, and scaling of containerized applications.
* Used tools like Jenkins, GitLab CI/CD, to set up CI/CD pipelines on OpenShift.
* Automated testing, deployment, and building of applications within OpenShift environments.
* JBoss scripts and deployment tools used to automate the deployment of applications.
* Extensive knowledge of setting up, managing, and deploying instances of JBoss Application Server.
* Managed product backlogs using Jira and other Agile project management tools to ensure that user stories were precise and well-defined.
* Implemented AWS client API to interact with different services as Console configuration for AWS EC2.
* Utilized Docker, Amazon ECS, and EKS to deploy and manage containerized applications on AWS.
* Used AWS services including Amazon EMR, Amazon Redshift, and Amazon Athena for large data processing and analytics.
* Implemented AWS client API to interact with different services as Console configuration for AWS EC2.
* Integrated AWS Lambda functions with AWS Step Functions, which enables event-driven and scalable solutions, demonstrated experience in developing serverless applications.
* proficient in relational database creation, configuration, and monitoring for Amazon RDS instances.
* proficient in minimizing downtime and providing a seamless transition when moving data from traditional relational databases to DynamoDB.
* Developed serverless applications on AWS utilizing DynamoDB as the main data store and integrating them with AWS Lambda, API Gateway, and other services.
* Able to use AWS CLI and console tools effectively for troubleshooting and debugging problems, guaranteeing high availability and dependability of AWS resources.
* Used Log4j, Splunk to log useful information for the purpose of handling errors and debugging and Kibana for dashboards.
* Developed unit test using **JUnit** and Mockito with at least 90% code being covered the tests
* Used to write SQL queries, Triggers, Functions for Oracle database and developed some complex SQL queries
* Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

**Environment:** Java 11, Spring, Spring Boot, MVC, Hibernate, Swagger, Oauth2, JWT, JMS, JDBC, XML, Micro services, REST, HTML5, CSS3, JavaScript, React.JS, Redux, Node.JS, AWS, Docker, AJAX, JSON, Log4j, JUnit, Jenkins, DynamoDB, SQL, Agile.

**CLIENT: Macy’s, SFO, CA SEP 2019 – June 2021**

**Position: Sr. Full-Stack JAVA Developer**

**Responsibilities:**

* Involved in Analysis, Design, Development and Maintenance phases of the project with major emphasis on development of the modules like Activations, Customer Service
* Designed and developed new application features using the Java Collection API with Java 11 features to fulfill business case requirements, such clients account statements and clients running balance based on each transaction
* Implemented the application features using Spring MVC Framework and handled the authentication, authorization, and access-control features using Spring Security.
* Able to manage codebases properly for the creation of RESTful APIs inside a microservices environment utilizing Git, a version control and collaboration tool.
* Used Spring Boot for developing micro services by implementing REST APIs to retrieve data from client side
* Developed services and applications using Java using Spring F/W (Spring Boot, Spring MVC, Spring Security, etc.) and Hibernate
* Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users.
* Apache Kafka clusters that have been expertly designed, implemented, and managed have made it possible for real-time data to flow freely across the company.
* Used Kafka as an event sourcing solution, collecting all data changes for historical analysis and auditing.
* Designed and developed Micro services using REST framework and Spring Boot and used Bootstrap along with Angular in creating the Application.
* Used HTML5, JavaScript, Angular for client-side development and validations.
* Involved in developing components in Angular 8 with Typescript and used Angular 8 to build single page Applications. Create and manage Spring Boot microservices with REST endpoints.
* Developed user interfaces using HTML5 CSS3, SASS, JavaScript.
* Used Java Mailing Service API's for mailing detailed notifications depending upon success/failure once the backend process is complete
* Orchestrated the complete lifecycle of application for Macy’s, harnessing the power of Azure service like Azure app service, Key vault, SQL database, to ensure scalability and data security.
* Configured and maintained web servers for hosting websites and web applications on Linux platforms.
* Effortlessly streamlined deployment processing through Azure Devops CI/CD pipelines to maintain high performance.
* Automated application deployment and update processes using Kubernetes and CI/CD pipelines (such as Jenkins and GitLab CI/CD).
* Created documentation on Kubernetes setups, deployments, and best practices.
* Created Docker images using containerization tools like Docker for apps running on Kubernetes.
* Optimized system performance is achieved by configuring and customizing SAP systems to meet unique business requirements.
* Used Log4j to log useful and important information for the purpose of debugging and observability of the application and its usage
* Used Jenkins for building, creating snapshots and deploying.
* Created collections and performed CRUD operations on MongoDB using Node Mongoose and used Mongo repository and Spring Mongo Template for persistence.
* Designed database and created tables, wrote the complex SQL Queries and Stored Procedures as per the requirements.

**Environment:** Java 11, Spring, Spring Boot, Redis, Swagger, Oauth2, JWT, Hibernate, MVC, Micro Services,

HTML5, CSS3, JavaScript, Angular, Redux, Node.JS, JSON, JMS, XML, Azure, Log4j, JUnit,

Jenkins, Restful, MongoDB, SQL, Splunk, Kibana, Agile and Windows.

**CLIENT: Pioneer Investment Management, Moss Ville, February 2018 - August 2019**

**Position: Full-Stack JAVA Developer**

**Responsibilities:**

* Responsible for gathering business and functional requirements and preparing the design and

implementing POCs

* Involved in the Complete Software development life cycle (SDLC) to develop the application
* Designed and developed various modules of the application with frameworks like Spring MVC, Web Flow,
* architecture and Spring Bean Factory using Spring Boot IOC and AOP concepts
* Involved in development of different modules using Spring Boot framework, Restful Web Services, JPA and

integrate the modules.

* Developed user interfaces using HTML5 CSS3, SASS, JavaScript.
* Experience with Front-end JavaScript frameworks like React JS, Node JS. And with the creation of RESTful

Web service.

* Used React to implement rich functions in various pages like Form Validation, CRUD, Grid list, search, multi selection.
* Used React to create a highly responsive web application which can be compatible with all the browsers
* Implemented stable React components and functions for reusability.
* Used IntelliJ as development tool, WebLogic as application server, and CVS was used for version   
   controlling.
* Capable of managing code effectively in a microservices environment using version control systems like Git.
* Optimized resource allocation and the usage of reserved instances to effectively manage RDS expenditures.
* Integrated DynamoDB with AWS services like Amazon Redshift, Amazon EMR, or AWS Glue to execute data analytics and gain insights from the data.
* Implemented AWS client API to interact with different services as Console configuration for AWS EC2.
* Designed and implemented serverless applications using AWS Lambda and API Gateway for cost-effective, event-driven solutions.
* Automated infrastructure deployment and management using AWS Elastic Beanstalk and AWS Ops Works.
* Implemented AWS Backup, AWS Disaster Recovery, and AWS Import/Export services to ensure data recovery and business continuity.
* Used AWS SDKs and scripted CLI commands to automate repetitive activities, minimizing manual labor and guaranteeing consistency.
* Used Hibernate ORM for data persistence and transaction mgmt.
* Used Log4J for logging in the application and capturing the log
* Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

**Environment**: Spring, Spring Boot, Hibernate, AWS, RESTful, XML, JDBC, JNDI, Eclipse, JSON, HTML5, CSS3, JavaScript, React, Log4j, Maven, SQL, Splunk, Kibana, Dynatrace, Agile and Windows.

**CLIENT:** **Ocular Science, Piscataway Township, NJ June 2017- January 2018**

**Position: Java/J2EE Developer**

**Responsibilities:**

* Designed the application using J2EE design patterns and technologies based on MVC architecture.
* Developed Informant service layer by using Spring MVC.
* Created Spring MVC components like configure Request mapping annotation controllers, view resolver

Components.

* Developed REST web services using Spring Boot to extract and concise the data from the database.
* Used Spring Boot which is radically faster in building Micro services and develop Spring based application

with very less configuration.

* Developed complete checkout process using different Angular modules and services by using dependency

injection for creating controllers.

* Managed Azure SQL Databases, Azure Cosmos DB, and Azure Database for PostgreSQL/MySQL are available for storing and retrieving data.
* Continuous integration and continuous deployment (CI/CD) pipelines for development workflows that incorporate Azure DevOps.
* Used J2EE design patterns like Singleton, Service Locator and Session Façade Business Delegate during

development.

* Performed unit testing using JUnit, integration and deployment of applications done using tools such as Maven.
* Written SQL queries PL SQL Stored procedures, functions, triggers, cursors, sequences, and indexes, which

are going to be invoked by Batch processes.

**Environment:** J2EE, spring, Spring Boot, MVC, Micro Services, Hibernate, REST, HTML5, CSS3, JavaScript, Angular, JMS, Log4j, JUnit, SQL, PL/SQL, Splunk, App dynamics, Agile and Windows.

**CLIENT:** **Talent Tech, India Jun 2014 – Nov 2016**

**Position: Java Developer**

**Responsibilities:**

• Extensive knowledge and working experience in web development technologies like AJAX, JSP, XML,

HTML5, CSS3, JSON, Java Script, jQuery. Developed SOAP web services for 3rd part communications.

• Actively involved in deployment Application war files in WebLogic Application server.

• Utilized Inquiry Analyzer to optimize SQL questions

• Created application layer POJO classes and mapped them to backend Oracle database tables using

Hibernate framework.