Varun Musku

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PROFESSIONAL SUMMARY

Java Full Stack Developer with considerable professional experience excels in creating high-quality, reusable components using React for web interfaces. Proven track record of implementing effective and performant components, integrating RESTful APIs, managing application state with Redux, and performing troubleshooting for high responsiveness. Eager to bring expertise to a Full Stack Engineer role for developing dynamic, user-centric solutions and resolving front-end challenges efficiently.

TECHNICAL SKILLS

- **Languages:** C, C++, Java 1.8, Java 11, Scala, Linux Shell Scripting, J2EE, Python, SQL, PL/SQL
- **Build Automation:** ANT, MAVEN, Jenkins, Gradle
- **Mark-up/XML Technologies:** HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, Angular JS, React JS, Angular, Node JS, XML, JSON
- **Tools & Framework:** Struts, Spring, Hibernate, Spark, Hadoop, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, JSF, JUnit, Apache CXF, SOAP UI, Tableau, GWT, Jersey
- **Design Patterns:** Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller, DAO pattern
- **Databases:** Oracle, SQL-Server 2005, MySQL server, MS SQL, IBM DB2, NoSQL DB like MongoDB, Cassandra, HBase, Cosmos DB
- **Version Control:** Tortoise SVN, CVS, Rational Clear case, Source Tree, Git, Code Commit
- **IDE tools:** Eclipse, Spring Tool Suite (STS), IntelliJ
- **Testing Tools:** Selenium, TestNG, JUnit, Soap UI, Putty, Load UI, Mockito
- **Web services:** SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Micro services, Apache Axis, Apache CXF
- **Cloud Technologies:** Azure, Amazon Web Services (Cloud Watch, Athena, Glue, I AM, Lambda, EC2, SQS, SNS, RDS, IAM, S3), Kubernetes, Pivotal Cloud Foundry, Spring Cloud
- **OS & Environment:** Windows Vista/XP/2000/NT, Win 2k Server, Sun Solaris, UNIX

PROFESSIONAL EXPERIENCE

Tyler Technologies   May 2023 - Present
Java Full Stack Developer   *Plano, Texas*
- Involved in the design, development, and implementation of business applications using Java/J2EE technologies.
- Created and implemented APIs with Spring Data JPA, including pagination and sorting to enhance efficiency and user experience.
- Integrated React.js with backend services to develop reusable and highly responsive web components.
- Utilized React state management tools such as Redux and Context API for efficient application state management and seamless real-time updates.
- Translated wireframes and designs into high quality, maintainable code with React.js.
- Implemented Java 8 features like lambda expressions and the new Date and Time API to simplify code and enhance readability.
- Developed REST-based Microservices using Spring Boot and Java, integrated with frontend applications using RESTful APIs.
- Designed and implemented an email notification system using AWS services such as SQS and SNS.
- Performed code reviews and enforced best practices in both backend (Java) and frontend (React) development.

TD bank   Jan 2022 - May 2023
Senior Java Developer   *Fort Lauderdale, Florida*
- Involved in all phases of SDLC including requirements gathering, design, and development for customized applications.
- Developed UI components using AngularJS and integrated them with Node.js powered backends.
- Designed and developed RESTful web services, using Spring and Java, that interact with various backend systems.
- Implemented microservices architecture using Spring Boot, incorporating REACT-based frontends via efficient Web Services.
- Maintained interface compatibility using Java 1.8 features such as lambda expressions and concurrency API.
- Developed seamless and highly responsive UI components utilizing React concepts.
- Configured build and release pipelines for monolithic and microservices applications via Azure DevOps and Jenkins.
- Embedded application insights for logging and monitoring of Java processes.

Tech Imperio   May 2019 - Jul 2021
Java Developer   *Delhi, India*
- Involved in the development of presentation layer and GUI responsive development using JSP, HTML5, CSS/CSS3 Bootstrap & used Client-Side validations were done using Angular JS, XSLT and jQuery (Masking), and Google graphs XML DOM.
- Developed UML class diagrams, sequence and use case diagrams using Rational Rose.
- Used Dependency Injection feature of Spring MVC framework and O/R mapping tool Hibernate for rapid development and ease of maintenance.
- Improved code readability and maintainability by replacing conventional loops with lambda expressions and improving null handling with Optional.

- Utilized Java 8 features such as lambda expressions, the Stream API to enhance code readability, efficiency, and maintainability in various projects.
- Developed the DAO layer for the application using Spring Hibernate Template support.
- Implemented Transactions using Spring framework.
- Used Spring MVC and Web Flow to bind web parameters to business logic.
- Implemented Ant and Maven build tools to build jar and war files and deployed war files to target servers.
- Implemented cross cutting concerns like business transactions, security, logging and monitoring mechanism using Spring AOP.
- Maintained relationship between objects using Spring IOC.
- Ensured database integrity and consistency through transaction management and normalization techniques.
- Used plain JavaScript and jQuery, JavaScript Library to do the client-side validations.
- Developed Web Services using REST, SOAP, WSDL, UDDI and XML.
- Utilized state management tools like NgRx or Akita to manage complex application states, ensuring smooth data flow in banking workflows.
- Leveraged Angular Reactive Forms for creating robust, dynamic forms with built-in validation for loan applications, account setups, and payment processing.
- Used AJAX to get the data from the server asynchronously by using JSON object.
- Developed and maintained data-driven applications using Python, leveraging libraries like pandas, NumPy, and matplotlib for data analysis and visualization.
- Integrated MySQL databases with applications using JDBC, Hibernate, or Spring Data JPA.
- Performed building and deployment of EAR, WAR, JAR files on test, stage systems in WebLogic Application Server.
- Working on Cloud based continuous delivery and environment management.
- Working on Cloud based delivery for building and deploying of the application in Azure Cloud.
- Used Business Delegate, Service locator, Factory, Session Facade, DTO and DAO design patterns.
- Involved in code review and deployment of the application on development, testing of production servers.
- Performed unit testing using JUNIT framework and tested DAO's and Business Services.
- Analyzing the client requirements and production issues.
- Implemented and managed Continuous Integration/Continuous Deployment (CI/CD) pipelines using Jenkins, enabling automated build, test, and deployment processes that significantly reduced manual intervention and increased deployment frequency.

Education

Northwest Missouri State University   Dec 2022
Master's, applied computer science
- **Achievements:** GPA: 3.81/4.0

Ligaya's Vidyapeeth   May 2019
Bachelor of Technology, Computer Science Engineering
- **Achievements:** GPA: 3.4/4.0

Side Projects

Side Projects
- Developed REST API's using Node JS and MongoDB.
- Developed web application using React and TypeScript.
- Developed back end using Spring and Spring boot.