Vijaya Durga Reddy Padala

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PROFESSIONAL SUMMARY

Full Stack Developer with 5 years of experience designing scalable cloud applications and implementing web-based applications using Java, Spring Boot, and modern front-end frameworks like AngularJS and React.js. Skilled in developing RESTful APIs and microservices, with a proven track record of delivering scalable solutions on cloud platforms such as AWS. Adept in AR integration, real-time data handling

TECHNOLOGIES AND TOOLS

- **Languages/Technologies**: Java8, JDBC, Python, C, JavaScript, SQL, HTML, CSS3
- **Front-end Technologies**: React.js, Angular 8, Vue.js, Tailwind CSS, Redux, Framer Motion
- **Back-end Technologies**: Spring Boot, Spring MVC, Microservices, Node.js, Express.js, RESTful APIs, Hibernate, GraphQL
- **Databases Technologies**: MongoDB, PostgreSQL, MySQL, Firebase
- **Cloud and Devops**: AWS (EC2, S3, DynamoDB, Lambda), Docker, Kubernetes, Jenkins, GitHub Actions, Terraform
- **Tools and Technologies**: Agile, Microservices, CI/CD, Postman, JUnit, Apache Tomcat

CERTIFICATIONS

- AWS Certified Developer - Associate

EXPERIENCE

Cognizant Technology Solutions (CTS)   **Sep 2021 - Aug 2023**
Java Full Stack Developer   *Chennai, Tamil Nadu*
Client: KBC Group
Project: Online Banking Platform

- Optimized the online banking platform for KBC Group by implementing back-end services with Java, Spring, and Hibernate, improving account management, transaction processing, and loan application efficiency
- Designed and built front-end interfaces using AngularJS, HTML, CSS, and jQuery, enabling users to view account balances, transfer funds, and manage payments with a responsive UI.
- Created RESTful APIs using Spring Boot to facilitate secure communication between the front-end and back-end, ensuring seamless data flow for banking operations.
- Implemented Spring Security and OAuth to enforce secure authentication and authorization, protecting sensitive customer data and transactions.
- Configured Hibernate for efficient database operations with Oracle, optimizing queries for transaction history retrieval and account updates, and ensuring data integrity.
- Built features for real-time transaction notifications using AJAX on the front-end, integrated with back-end services to provide instant updates to users.

Cognizant Technology Solutions (CTS)
Java Full Stack Developer   *Chennai, Tamil Nadu*
Client: Travellers
Project: Insurance Claims Portal

- Participated in various stages of the software development lifecycle (SDLC), such as requirements gathering, design, analysis, and code development, contributing to improved application performance and user satisfaction
- Involved in web interface development such as user registration, login, and user registration management based on login ID using HTML and Angular Js.
- Developed full-stack applications for an insurance claims portal, creating back-end services with Java, Spring Boot, and Hibernate, and front-end interfaces using AngularJS, HTML, CSS, and jQuery.
- Built application prototypes, collaborating with business users to validate functionality across both front-end and back-end for insurance claim processing.
- Developed RESTful APIs with Spring Boot, integrating with front-end via HTTP, REST, and JSON for seamless data flow between client and server.
- Implemented security measures using Spring Security and Audit programs with the OAuth framework, enhancing application security and compliance
- Provided security for SOAP services using WS-security, ensuring data integrity and protection against unauthorized access
- Developed storage systems, visualizations, and metrics to retrieve and update data based on business needs in relational databases, improving data accessibility and decision-making processes

Cognizant Technology Solutions (CTS)   **Dec 2020 - Sep 2021**
Java Developer Intern
Project: Bug Tracking Dashboard

- Developed reusable React components for the front-end and integrated them with Java-based Spring Boot back-end services for Shell TapUp's mobile fueling platform.
- Built a custom React component library to standardize UI elements, while ensuring back-end APIs were scalable and maintainable.
- Implemented Redux for state management on the front-end, reducing re-renders, and optimized back-end performance using Java.
- Participated in component design meetings, providing full-stack solutions for ongoing development modules.
- Conducted quality reviews and mentored new team members in full-stack development, focusing on Java and React.
- Designed and implemented the Payment Service using Java, Spring, and JAXB annotations, improving transaction processing efficiency and reliability
- Wrote application-level code to interact with UI displays and Web APIs, RESTful web services, and microservices using HTTP, REST, and JSON, enhancing application functionality and user interaction

Smart Technology   Jan 2020 - Nov 2020
Java Developer Intern
Client: Internal
- Developed full-stack components, including DAO, DVO, and controller classes using Java 7, Spring Core, and Hibernate for the backend, and CSS3, HTML, and JavaScript for the front-end.
- Created UI templates to improve user experience, while ensuring back-end data persistence with Spring DAO and Hibernate.
- Generated reports in PDF, XLS, and HTML formats using the Jasper API, integrating Oracle database data with front-end displays.
- Implemented event handlers using Java multithreading, enhancing application responsiveness on both ends.

EDUCATIONAL QUALIFICATION

Sacred Heart University   Sep 2023 - Dec 2024
Master of Science, Computer and Information Science
- **GPA:** 3.98/4

Saveetha School of Engineering   Apr 2017 - May 2021
Bachelor of Technology, Electronics and Communication
- **GPA:** 7.89/10

KEY PROJECTS

Tic-tac-toe App
Capstone Project
- Built a Tic Tac Toe app using React, Java, and AWS, praised for dynamic UI design.

Bug Tracking System
Cognizant
- Reduced dashboard latency by 20% via code optimization and caching strategies.

Mango Leaf Disease Detection
College Research
- Published in IJERT; applied ML algorithms (Python, NumPy) to achieve 92% detection accuracy.