ASRITHA VEMIREDDY

Full Stack Developer| React.js | TypeScript | Spring Boot, Node JS | Backend Development | Performance Optimization

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SUMMARY

Full Stack Developer with 3+ years of experience, specializing in frontend development with React.js, TypeScript, and Redux, and backend development using Java, Spring Boot, and REST APIs. Skilled in UI implementation, performance optimization, and testing with Jest and Postman. Proven ability to deliver quality web applications in Agile environments.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript (ES6+), TypeScript, SQL, C, C++, Python

Frontend Technologies: React (v16+ & 17+), Angular (basic familiarity), Redux, React Hooks, HTML5, CSS3, Tailwind CSS

Backend Technologies & Frameworks: Java EE, Spring Boot, Spring Framework, RESTful APIs, Microservices Architecture, Node.js, Express.js

ORM & Security: JPA, Hibernate, Spring Data Repositories, OAuth 2.0, JWT, AWS Cognito, Azure Active Directory

Databases: MongoDB, PostgreSQL, MySQL, Oracle PL/SQL

Testing & Quality Assurance: Jest, React Testing Library, Postman, Unit & Integration Testing, Frontend Test Coverage

DevOps & CI/CD: Git, GitHub, Bitbucket, Jenkins, GitHub Actions, Docker, Agile/Scrum, JIRA, AWS

PROFESSIONAL EXPERIENCE

CDx Diagnostics   New York, USA

Full Stack Developer   Jan 2024 – Present

- Developed and maintained scalable React.js applications using Figma-based designs and Tailwind CSS, ensuring pixel-perfect UI across devices.
- Built modular state management using Redux Toolkit and Context API, improving application consistency and reducing debugging time by 45%.
- Integrated secure RESTful APIs and backend microservices built with Node.js and Express.js, enhancing real-time data flows across dashboard components.
- Collaborated with backend teams on schema design and API optimization using PostgreSQL, resulting in 30% faster query response times.
- Implemented performance optimizations including lazy loading and Vite bundling, reducing initial page load by 50%.
- Maintained 90%+ unit and integration test coverage using Jest and React Testing Library.
- Participated in Agile ceremonies and supported sprint planning, code reviews, and DevOps integration using GitHub Actions and Docker

Temenos   Hyderabad, India

Full Stack Developer   Aug 2021 – Jan 2023

- Designed enterprise-level, responsive UI components with React.js and JavaScript, serving 100K+ global users in digital banking platforms.
- Migrated legacy code from jQuery to React and integrated REST APIs using OAuth 2.0 and Spring Boot microservices.
- Contributed to backend enhancements, including data flow integration and repository updates using JPA and Hibernate, improving system reliability.
- Collaborated on performance tuning and database optimization using MySQL queries and indexing, leading to a 20% backend processing improvement.
- Ensured WCAG 2.1 accessibility and i18n support for multilingual markets.
- Led CI/CD automation efforts through Jenkins, contributing to streamlined build and deployment cycles with reduced downtime.
- Maintained high code quality and stability through unit tests (Jest) and integration testing with Postman and CI pipelines

EDUCATION

Pace University   New York, USA
Master of Science (MS) in Computer Information Systems | GPA: 3.97

Amrita Vishwa Vishyapeetham   Coimbatore, India
Bachelor of Technology in Computer Science Engineering | GPA: 3.5