

Vamshi Kaveti

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Experience

Full-Stack Developer, MassMutual – Hyderabad

Sep 2020 – Dec 2023

- Spearheaded the modernization of an internal business operations tool by rewriting the legacy system using Java (Spring Boot) and React.js, significantly improving application responsiveness and long-term maintainability.
- Led backend development of 20+ RESTful APIs and microservices using Spring Boot and integrated with MySQL and DynamoDB, enabling scalable, secure data operations and improving system performance by 35%.
- Orchestrated cloud migration strategy, moving application infrastructure from on-premise to AWS (EC2, RDS, S3), which enhanced system availability and reduced maintenance downtime by 50%.
- Built responsive and dynamic front-end components with React.js, improving page load speed by 40% using techniques like lazy loading, state management, and modular design.
- Containerized applications using Docker and automated builds/deployments via Jenkins, resulting in a 70% reduction in deployment time and fewer manual errors.
- Wrote comprehensive unit and integration tests with JUnit and Mockito, maintaining 85%+ test coverage, which contributed to a 30% drop in post-release bugs.
- Collaborated closely with cross-functional teams including QA, DevOps, and product owners in Agile sprints, consistently delivering features on time with a >95% story completion rate.

Projects

Food Delivery App | Java, Spring boot, Postman, Git, MySQL

GitHub/Link

- Developed a scalable backend for a food delivery application, implementing all core features, resulting in a fully functional API layer with 90% JUnit test coverage.
- Designed and refined RESTful APIs for key modules, and real-time status updates, which boosted data flow efficiency and supported simulated load testing of 500+ concurrent users without performance degradation.
- Deployed Docker to containerize the backend and integrated Spring Profiles for secure environment variable management, enabling more frequent and reliable deployments with zero downtime incidents after deployment.

Portfolio | HTML, JavaScript, ReactJS, Redux, Tailwindcss

GitHub/Link

- Developed a responsive portfolio website to showcase projects, skills, and professional experience.
- Implemented clean UI/UX design, ensuring seamless navigation for enhanced user experience.
- Integrated GitHub, LinkedIn, and downloadable resume, and used Git for version control to maintain efficient and organized codebase management.

Portfolio | JavaScript, ReactJS, Redux, NodeJs, Tailwindcss, MySQL

GitHub/Link

- Built a full-stack web app that categorizes projects by difficulty (Beginner, Intermediate, Advanced) and issues auto-generated certificates upon completion.
- Developed role-based modules for students and instructors, including an instructor dashboard to add projects and track learner progress.
- Integrated Firebase Auth and Firestore for secure login, real-time data updates, and a project review system to boost engagement and feedback.

Skills

Java | Javascript(ES6+) | HTML5 & CSS3 | SQL | React | Redux | Tailwind CSS | Node.js | Express.js | Jest
REST API's | Microservices | Spring Framework | Springboot | MySQL | MongoDB | Hibernate | Postman | Jira
AWS(EC2 & S3) | Jenkins | Docker | GIT & Github | Junit & Mockito | API Testing | Scrum | Agile | Confluence

Education

Indiana Institute of Technology, MS in Information Systems

Jan 2024 – Aug 2025

Certifications

- **The Complete Full-Stack Web Development Bootcamp**- Udemey
- **Backend(NodeJS, ExpressJS, MongoDB)**- KnowledgeGate
- **Java Full Stack**- Telusko