VIJAY KODIPYAKA

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SUMMARY

Full Stack Software Engineer with 3+ years of experience designing, building, and deploying robust, scalable applications using Java, Spring Boot, React.js, and AWS. Skilled in data-driven development, ensuring code quality through test-driven practices, and delivering solutions that enhance performance and user experience. Strong collaborator in Agile environments with a track record of automating workflows and solving complex technical challenges through innovative approaches.

SKILLS

- **Languages & Frameworks:** Java, Python, JavaScript, C#, PHP, HTML5, CSS3, JSON
- **Frameworks & Libraries:** Spring Boot, Spring MVC, React.js, Node.js, AngularJS, FastAPI
- **Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda, IAM, CloudWatch), Docker, Kubernetes, Jenkins, Git
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Testing & Build Tools:** JUnit, Mockito, Jest, Mocha, Maven, Gradle, npm, Yarn
- **Development Practices:** RESTful API Development, Microservices Architecture, Test-Driven Development (TDD), Secure Coding Practices, Agile/Scrum
- **Soft Skills:** Communication, Problem-Solving, Teamwork, Critical Thinking, Time Management.

EXPERIENCE

Coupa Software - Full Stack Developer
Chicago, IL | May 2024 - Present

- Engineered and deployed cloud-native backend services using Java and Spring Boot on AWS, improving response time by 25% and supporting 15,000+ concurrent users.
- Designed and implemented microservices and RESTful APIs with FastAPI, enabling faster third-party integrations and reducing onboarding time for new clients by 40%.
- Built reusable React.js UI components, cutting page load time by 30% and increasing user engagement metrics.
- Orchestrated deployments with Docker and Kubernetes, ensuring zero downtime during version upgrades.
- Automated CI/CD pipelines via Jenkins and GitHub Actions, shifting from manual weekly releases to daily automated deployments.
- Enhanced application quality with 85% test coverage through JUnit and Mockito, significantly reducing production incidents.
- Partnered closely with cross-functional teams to roll out 10+ high-impact product features aligned with customer needs.

Divami Design Labs - Full Stack Developer
India | Mar 2022 - July 2023

- Developed enterprise-grade internal tools in Java/Spring Boot, automating workflows and reducing manual effort by 35%.
- Integrated Apache Kafka for real-time event streaming, improving data delivery speed and reducing delays in high-volume systems.
- Optimized MySQL/PostgreSQL schemas and queries, cutting report generation time by 20% and supporting faster business decisions.
- Created APIs handling 500K+ monthly requests with 99.9% uptime, ensuring reliability for business-critical operations.
- Established automated testing pipelines with JUnit and Jest, improving defect detection by 30% and reducing release issues.

- Collaborated with QA, UI, and business teams to translate complex requirements into scalable, maintainable solutions.

Zaggle - Full Stack Developer
India | July 2021 - Nov 2021

- Created portal features such as login and attendance using React.js and Node.js, reducing login times by 20% and improving usability.
- Integrated MongoDB with APIs to enable real-time academic record updates, enhancing data accuracy and student satisfaction.
- Fixed 20+ bugs during Agile sprints, improving overall system stability.
- Partnered with senior engineers to gain hands-on experience in debugging, performance tuning, and API design..

Projects & Leadership

AI-Powered Automobile Recommendation System
- Designed backend services with Spring Boot and Node.js to manage inventory, orders, and analytics.
- Leveraged Apache Kafka and OpenAI for real-time recommendations and operational intelligence.

Smart Store – Online Smart Home Retail Platform
- Engineered backend services using Java, Spring Boot, and Node.js for efficient order and inventory management.
- Implemented AI-driven recommendations to personalize shopping experiences.

EDUCATION

Illinois Institute of Technology   **Aug 2023 - May 2025**
- *Master's in Computer Science*

Sreenidhi Institute of Science and Technology   **Aug 2019 - Jun 2023**
- *Bachelor of Technology in Engineering*