

PRAMODH KAMINENI

Sunnyvale, California • +1-669-245-6187 • kamineni.jobs@gmail.com • [LinkedIn](#) • [Portfolio](#)

SUMMARY

- Full-Stack Software Engineer with 5+ years of strong experience in designing, developing, and deploying scalable enterprise applications across e-commerce, banking, and healthcare domains.
- Skilled in building cloud-native microservices architectures and modern web applications using technologies including React, Node.js, Java, Spring Boot, Kafka, Docker, Kubernetes, and AWS.
- Adept at transforming legacy J2EE monolithic systems into modern distributed architectures, improving scalability, maintainability, and deployment agility.
- Proficient in end-to-end software delivery, including API development, front-end engineering, backend architecture, CI/CD pipeline automation, and cloud infrastructure orchestration.
- Skilled in designing and developing RESTful and GraphQL, enabling seamless integrations and supporting large-scale, real-time data flows.
- Adept at performance tuning through database indexing, asynchronous messaging, and caching strategies, cutting transaction latency by 50% and improving system throughput.
- Strong background in system reliability and observability with Prometheus, Grafana, and ELK Stack, ensuring high availability and operational stability in production environments.
- Collaborative team player with a track record of working closely with cross-functional teams in Agile environments, contributing to architectural decisions and delivering secure, stable, and efficient solutions.
- Knowledgeable in security best practices including authentication, authorization, encryption, and compliance for enterprise applications.
- Focused on writing clean, maintainable, and testable code with best practices, emphasizing code quality, performance, and long-term scalability.

SKILLS

- **Languages:** Java, Python, JavaScript (ES6+), TypeScript, SQL, C++
- **Frameworks & Libraries:** Spring Boot, React.js, Redux, Node.js, Express.js, Angular, Next.js, GraphQL, gRPC, RESTful APIs, Microservices Architecture
- **Cloud & DevOps:** AWS, Docker, Kubernetes, Helm, Terraform, Jenkins, GitHub Actions, CI/CD Pipelines, Blue-Green Deployments, Serverless Architectures
- **Databases & Messaging:** PostgreSQL, MySQL, MongoDB, DynamoDB, Redis, Apache Kafka, RabbitMQ, WebSockets
- **Testing & Quality:** JUnit, Mockito, Cypress, Jest, SonarQube, Postman, Swagger/Open API, TDD
- **Monitoring & Observability:** Prometheus, Grafana, ELK Stack, Splunk, Metrics & Alerting
- **Tools & Collaboration:** Git, Jira, Confluence, Bitbucket, GitHub, GitLab, IntelliJ IDEA, VS Code, Agile/Scrum, ETL Pipelines, Pandas, NumPy

PROFESSIONAL EXPERIENCE

Dell Technologies, San Jose, CA

Jan 2024 – Present

Software Engineer

- Architected a cloud-native e-commerce platform with React, Node.js, Spring Boot, and Kubernetes, reducing release cycles by 45% and enabling high-volume traffic with zero downtime.
- Engineered performant front-end experiences using React and Next.js, accelerating load speed by 35% and increasing customer engagement by 25%.
- Enhanced backend throughput by integrating Apache Kafka and Redis, boosting performance by 60% and lowering latency by 35% across checkout flows.
- Automated CI/CD pipelines using GitHub Actions, Docker, and AWS EKS, reducing deployment time to 15 minutes and cutting rollback incidents by 70%.
- Established observability with Prometheus, Grafana, and ELK Stack, cutting MTTD by 50% and MTTR by 30%, achieving six consecutive zero-incident releases.
- Partnered with UX, QA, and DevOps teams in Agile sprints, increasing delivery velocity by 40% while maintaining strong code quality.
- Optimized PostgreSQL and MongoDB schemas, improving API response times by 40% and lowering cloud costs by 30%.

Wipro, India

Jan 2021 – Aug 2022

Java Software Developer

- Developed high-performance RESTful APIs using Java, Spring Boot, and Hibernate, increasing throughput by 45% and cutting latency by 30% for real-time banking transactions.
- Refactored monolithic applications into microservices with Spring Boot and Docker, shortening deployment time and tripling release frequency.
- Implemented event-driven architecture with Apache Kafka, enabling 1M+ daily transaction processing and improving resilience during peak loads.
- Optimized database operations with Hibernate and PostgreSQL, boosting transaction efficiency by 40% and reducing infrastructure costs.
- Hardened reliability through error handling and retry logic, lowering production incidents by 35% and achieving 99.9% uptime.
- Accelerated delivery through Jenkins and Docker-based CI/CD automation, enabling zero-downtime releases.
- Elevated code quality via JUnit and Mockito, achieving 85% test coverage and cutting regression defects by 40%.

Hexaware Technologies, India

Aug 2020 – Dec 2020

Java Developer

- Developed claims processing microservices with Java, Spring Boot, and Hibernate, increasing throughput by 50% and reducing settlement time by 35%.
- Enabled real-time claim validation using Apache Kafka, supporting 500K+ daily claims with improved responsiveness.
- Containerized legacy components with Spring Boot and Docker, cutting deployment time from 2.5 hours to 15 minutes and tripling release velocity.
- Tuned PostgreSQL with Hibernate query optimization and indexing, reducing latency by 40% and lowering infrastructure spend.
- Strengthened stability with automated testing, achieving high coverage and reducing regression issues by 45%.
- Automated CI/CD workflows with Jenkins and Docker, enabling zero-downtime deployments.
- Improved platform reliability with error handling and retry logic, reducing incidents by 30% and ensuring 99.9% uptime.

EDUCATION

University of Bridgeport, Connecticut, USA

Jan 2023 – May 2024

Master of Science; Major in Computer Science

Coursework: Data Structures & Algorithms, Database Management, Cloud Computing, Big Data, Computer Vision

CERTIFICATIONS & ACHIEVEMENTS

- AWS Certified Solutions Architect Associate
- AWS Academy Graduate – Cloud Foundations
- Completed 300+ algorithmic problems on LeetCode, strengthening DSA & algorithmic optimization skills
- LeetCode 50-Day Consistency Badge – Awarded for consistent daily coding practice and problem-solving excellence