

VAMSHI

+1 (415) 504-3439 | [reddysvamshi8@gmail.com](mailto:red dysvamshi8@gmail.com) | [linkedin.com/in/vamshi-reddy-sappati](https://www.linkedin.com/in/vamshi-reddy-sappati) | Open to Relocate

PROFESSIONAL SUMMARY

Software Developer with 6+ years of experience designing and developing scalable enterprise applications using Java, Spring Boot, React.js, and Microservices Architecture. Proficient in building RESTful APIs, cloud-native solutions on AWS and Azure, and implementing CI/CD pipelines with Jenkins, GitHub Actions, and GitLab. Experienced in SQL and NoSQL databases, event-driven systems, containerization with Docker and Kubernetes, and secure application development using OAuth2 and Spring Security. Strong background in Agile delivery, code quality practices, and performance optimization, with a proven ability to deliver high-quality software that improves system reliability, scalability, and business efficiency.

SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript, SQL, C++, C
Frontend: React.js, Redux, HTML5, CSS3, Tailwind CSS, Bootstrap, SASS/LESS, Webpack
Backend: Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Spring Cloud, Spring Batch, Hibernate, Node.js, Express.js, Microservices Architecture
API Development: RESTful APIs, GraphQL, SOAP, Postman, Swagger/OpenAPI, API Gateway design
Databases: MySQL, PostgreSQL, SQL Server, MongoDB, DynamoDB, Redis, Elasticsearch
Cloud & DevOps: AWS (EC2, S3, Lambda, SQS, SNS, API Gateway, RDS, ECS/EKS), Azure, Docker, Kubernetes, Git, GitHub, GitLab, CI/CD (Jenkins, GitHub Actions), Terraform
Messaging & Streaming: Apache Kafka, RabbitMQ
Monitoring & Logging: CloudWatch, ELK Stack (Elasticsearch, Logstash, Kibana), Splunk, Datadog
Testing & Security: JUnit, Mockito, PyTest, Selenium, TDD, BDD, OAuth2, JWT, SSO
Project Management: Agile/Scrum, Kanban, Jira, Trello, Asana, Confluence
AI & Developer Tools: GitHub Copilot, Cursor AI, OpenAI SDK, RAG, Vector Databases (Pinecone, FAISS), Model Context Protocol (MCP), Agent Orchestration

PROFESSIONAL EXPERIENCE

M&T Bank, USA **August 2025 – Present**
Senior Software Developer

- Built secure cloud-native banking applications using Java, Spring Boot, Spring Security, React.js, and Microservices Architecture, reducing API response latency by 38% while supporting high-volume digital banking transactions and regulatory compliance.
- Engineered event-driven microservices with Spring Cloud, documented REST APIs using Swagger/OpenAPI, and deployed containerized workloads on AWS EC2 and ECS, improving deployment frequency by 45% and increasing application availability to 99.9%.
- Automated CI/CD pipelines with GitHub Actions, integrated JUnit test suites, and implemented AWS CloudWatch monitoring, decreasing release time by 60%, reducing production defects by 35%, and accelerating incident resolution.
- Integrated AI-assisted developer workflows using GitHub Copilot, Model Context Protocol (MCP), Agent Orchestration, and Pinecone vector databases to build internal knowledge retrieval and developer productivity solutions, reducing engineering research time by 40% and improving code delivery efficiency by 25%.
- Collaborated with cross-functional Agile teams to deliver scalable lending and digital banking features, performing sprint planning, code reviews, and production optimization that improved on-time feature delivery by 30% while maintaining high code quality and security standards.

McKesson, USA **June 2024 – July 2025**
Software Developer

- Developed scalable healthcare applications using Spring Boot, Spring MVC, React Hooks, Tailwind CSS, RESTful APIs, and SQL, streamlining prescription and supply chain workflows that reduced transaction processing time by 32% while improving user experience.
- Crafted high-performance backend services with GraphQL, Redis, Elasticsearch, and Apache Kafka, enabling real-time data synchronization and accelerating search performance by 45% across clinical and operational platforms.
- Implemented secure cloud-native solutions on AWS using API Gateway, SQS, SNS, Kubernetes, and Terraform, increasing deployment reliability by 40%, improving infrastructure scalability, and maintaining 99.9% application availability.
- Automated CI/CD pipelines with GitLab, strengthened application quality using Mockito, integrated Splunk monitoring, and enforced OAuth2 authentication, reducing production defects by 35% and shortening release cycles by 50%.
- Delivered AI-powered workflow enhancements using the OpenAI SDK, collaborating in Kanban teams with Jira to build intelligent document summarization and support automation features that reduced manual processing effort by 30% and improved operational efficiency.

Hexaware Technologies, India **October 2020 – December 2022**
Software Developer

- Built enterprise web applications using Spring Boot, Spring Data JPA, Redux, PostgreSQL, and SOAP/REST integrations, delivering business process automation that reduced transaction processing time by 30% and improved application reliability.
- Modernized distributed services by implementing Spring Cloud, API Gateway design, RabbitMQ, and AWS Lambda, SQS, SNS, and RDS, increasing service scalability by 35% while reducing inter-service communication latency by 28%.
- Containerized applications with Docker and established CI/CD pipelines using GitHub and Jenkins, accelerating deployment frequency by 45%, minimizing release failures by 30%, and improving development productivity.
- Strengthened application quality through Mockito, TDD, BDD, and Postman-based API validation while leveraging the ELK Stack (Elasticsearch, Logstash, Kibana) for centralized logging and proactive monitoring, reducing production defects by 40% and cutting troubleshooting time by 50%.
- Coordinated Agile project execution using Trello and Confluence, partnering with cross-functional teams to refine requirements, document technical solutions, and deliver sprint commitments with a 95% on-time delivery rate while supporting large-scale enterprise client implementations.

Hybrid Software Solutions, India **January 2019 – September 2020**
Associate Software Developer

- Established responsive enterprise web applications using React.js, TypeScript, HTML5, CSS3, SASS/LESS, and Webpack, improving page load performance by 35% and increasing user satisfaction through consistent cross-browser compatibility.
- Implemented backend modules with Spring MVC, Spring Batch, Node.js, SQL, and MongoDB, automating batch data processing and reducing manual operational effort by 40% while improving data accuracy.
- Validated RESTful services using Postman, executed TDD practices, and created automated Selenium test suites, increasing test coverage by 45% and reducing production defects by 30% across multiple releases.
- Deployed and maintained applications on Microsoft Azure using Git-based version control, optimizing deployment workflows and improving release efficiency by 25% while ensuring application stability in production.
- Reviewed source code, prepared technical documentation, and collaborated through the SDLC using Asana, improving code quality, accelerating onboarding by 30%, and achieving 95% sprint deliverables through effective cross-functional coordination.

EDUCATION

Master of Science in Computer Science **December 2024**
Auburn University at Montgomery, Alabama, USA

CERTIFICATIONS

AWS Certified Developer - Associate
Microsoft Certified: Azure Developer Associate
Microsoft- GitHub Copilot