

GODUGU VENKATA SRAVAN VINAY

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Professional Summary

Software Engineer with over **3 years of experience** in designing, developing, and deploying **scalable, cloud-native applications** across **banking** and **consulting** domains. Skilled in **microservices architecture**, **Java Spring Boot**, **Node.js**, and **React.js**, with hands-on expertise in **AI-driven automation**, **API development**, and **DevOps pipelines**. Adept at leveraging **AWS**, **Azure**, and **GCP** to build **secure, high-performance enterprise systems**, enhancing **reliability**, **compliance**, and overall **operational efficiency**.

Technical Skills

- **Programming Languages:** Java (Spring Boot), Python, JavaScript (ES6+), TypeScript, C, C++, PHP, Kotlin, Swift
- **Frontend Development:** React.js, React Native, HTML5, CSS3, SASS, Bootstrap, Redux, jQuery, and WCAG Accessibility Standards
- **Backend & APIs:** Spring Boot, Node.js, Express.js, RESTful & GraphQL APIs, WebSockets, Microservices Architecture, CQRS
- **Databases & Messaging:** MySQL, MongoDB, DynamoDB, Redis, Hadoop, CouchDB, Azure Cosmos DB, Kafka, and Azure Service Bus
- **Cloud & DevOps Tools:** AWS (EC2, Lambda, S3, RDS, CodePipeline), Azure (AKS, App Service, Cosmos DB), GCP, OpenShift, Docker, Kubernetes, Jenkins, GitHub Actions, Bitbucket, SonarCloud, Terraform
- **Testing, Monitoring & Automation:** JUnit, Jest, Enzyme, React Testing Library, Postman, Mockito, Cypress, ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, Splunk
- **AI, ML & Collaboration Tools:** LangChain, FAISS, Hugging Face Transformers, scikit-learn, GitHub Copilot, Jira, Confluence, Git, Agile Scrum, IntelliJ IDEA, VS Code, Eclipse, PyCharm, Agent AI

Professional Experience

Software Engineer | Wells Fargo, USA

Jul 2025 – Present

- Engineered **Spring Boot REST APIs** integrated with Cosmos DB and MySQL, enabling transaction systems to process **4M+ banking records** with 99.9% accuracy.
- Re-architected the **digital payments backend** using microservices, Kafka, and Azure Service Bus, ensuring **asynchronous data flow** across **10+ internal services**.
- **Developed ML-based classification pipelines** using Hugging Face Transformers and scikit-learn to **automate regulatory document tagging**, improving audit throughput by 30%.
- Deployed **Agent AI workflows** using LangChain and custom orchestration layers to **automate multi-step compliance verification tasks**, enabling autonomous decision-making across document validation, risk scoring, and flagging processes with minimal human intervention
- **Implemented LangChain-driven retrieval assistants** leveraging FAISS and LLMs to **enable semantic search across 2,500+ compliance documents**, reducing data lookup time by 40%.
- Built and maintained **CI/CD pipelines** using Jenkins and GitHub Actions, embedding SonarCloud and JUnit, reducing post-release defects by **28%**.
- Designed **React Native UI components** with TypeScript and SASS following WCAG standards, cutting accessibility issues by **60%** during testing.
- Leveraged **GitHub Copilot** and automation scripts to accelerate prototype development, reducing feature delivery time by **20%**

Software Engineer Intern -> Software Engineer | Capgemini, India

Aug 2020 – Sep 2023

- Developed **microservices-based enterprise applications** using Spring Boot, Node.js, and Express.js for clients in telecom, retail, and insurance, improving API responsiveness and scalability by **~15 %**.
- Implemented **event-driven architectures** with Kafka and Azure Service Bus to support **real-time communication** between distributed systems, keeping average message latency under **1 second**.
- Built **Python- and scikit-learn-based automation tools** that simplified recurring reporting workflows, reducing manual intervention by **about 10–15 %**.
- Created **React.js dashboards** for analytics and monitoring platforms, improving data visibility and usability across several internal projects.
- Automated **multi-cloud deployments** with Docker, Kubernetes, and Jenkins, enabling smoother releases and minimizing deployment downtime.
- Set up **code-quality pipelines** integrated with GitHub Actions and SonarCloud, leading to measurable improvements in maintainability and early defect detection.
- Worked closely with DevOps and data teams to optimize **enterprise data pipelines**, improving processing reliability and ETL performance modestly across production environments.

Education

Master of Technology in Computer and Information Sciences | New Jersey Institute of Technology, New Jersey, USA

Jan 2024 – May 2025

Bachelors of Technology Science and Engineering | Vellore Institute of Technology, Vellore, TN

Jul 2019 – May 2023

Certifications

- Java and SQL – Certified by HackerRank
- React.js – Certified by Foxmula