

Sai Kiran Reddy Gollampally

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Summary

AI-focused Java Software Engineer with 4+ years of hands-on experience in designing, developing, and deploying **Java**, Spring Boot microservices and RESTful APIs for enterprise-grade systems. Skilled in cloud-native development, containerization (Docker, Kubernetes), and **CI/CD** automation using Jenkins and GitHub Actions. Proficient in Bootstrap, **JavaScript**, HTML5, and CSS3 for responsive front-end integration. Adept at using **AI coding** tools (GitHub Copilot, Amazon CodeWhisperer) and integrating **Generative AI APIs** to enhance productivity and innovation. Collaborative, detail-oriented engineer with a strong foundation in security best practices, Agile methodology, and continuous learning.

Skills

Backend: Java, Python, Spring Boot, Spring Cloud, RESTful APIs, Microservices, JPA/Hibernate, Kafka

Frontend: JavaScript (ES6+), Bootstrap, React.js, HTML5, CSS3

Cloud & DevOps: AWS (EC2, Lambda, S3, EKS), Azure (App Services, Blob Storage), Terraform, Docker, Kubernetes, Jenkins, GitHub Actions

AI & Data: OpenAI API, LangChain, TensorFlow, Azure OpenAI Service, Hugging Face API Integration, GitHub Copilot, Windsurf, Cursor, Automation Scripts, Amazon CodeWhisperer

Databases: PostgreSQL, MongoDB, MySQL, DynamoDB

Testing & Monitoring: JUnit, PyTest, Mockito, Selenium, Postman, Grafana, Prometheus

Other: Agile/Scrum, CI/CD, TDD, OAuth 2.0, JWT, Role-Based Access Control, SSL/TLS

Experience

JPMorgan Chase & Co. | USA

Software Engineer II

01/2024 - Present

- Designed and developed scalable Spring Boot microservices handling 10K+ concurrent users with 99.9% uptime.
- Implemented RESTful APIs integrated with PostgreSQL and Redis, improving data retrieval efficiency by 25%.
- Deployed applications using Docker and Kubernetes with Jenkins CI/CD, reducing release time by 40%.
- Integrated OpenAI API for intelligent query assistance and document summarization features, boosting internal tool efficiency.
- Leveraged GitHub Copilot and Amazon CodeWhisperer to automate boilerplate code and unit tests, improving development velocity by 30%.
- Collaborated with DevOps and QA teams to ensure secure deployments and adherence to OWASP security standards.
- Participated in architecture discussions to optimize microservices communication with Spring Cloud Config and Eureka.
- Mentored junior developers in Java, Spring Boot, and DevOps best practices, fostering knowledge sharing and continuous improvement.

UnitedHealth Group | India

Software Engineer

07/2019 - 04/2022

- Built and maintained enterprise healthcare applications using Java, Spring Boot, and Microservices architecture.
- Developed responsive UI components using Bootstrap, JavaScript, HTML5, and CSS3 to improve user experience.
- Automated builds and deployments through Jenkins pipelines and Docker containers, achieving 99% system uptime.

- Integrated MongoDB and PostgreSQL databases for optimized storage and query performance.
- Contributed to API security by implementing JWT and OAuth 2.0, ensuring compliance with enterprise policies.
- Introduced Generative AI API integration (OpenAI and Hugging Face) for content enrichment within analytics dashboards.
- Collaborated in Agile/Scrum environments, contributing to sprint planning, retrospectives, and technical documentation.
- Actively participated in open-source contributions, enhancing a public Spring Boot starter module for internal use.

Education

University of North Texas, Denton, TX

05/2024

Masters in Computer Science
