

GEETHA JANAPAREDDI (4+ years SDE)

☎ (+1) 513-394-3877 ✉ janapaga@mail.uc.edu 🌐 github.com/Geetha2503 🔗 [geetha-janapareddi](https://www.linkedin.com/in/geetha-janapareddi) 🌐 [portfolio](#) 🌐 [Leetcode](#)

Summary

Full Stack Developer with 4+ years of experience driving projects through the entire SDLC. Skilled in design, development, implementation, and deployment, ensuring seamless integration across front-end and back-end for successful project completion. Proficient in crafting dynamic web solutions using a diverse tech stack including Python, Java, JavaScript frameworks (React.js), backend frameworks (Django, Flask, Spring) and DevOps tools (Docker, Kubernetes) to cater to unique client requirements. Expert in Git, GitHub, and AWS, enabling seamless collaboration on projects, skilled in Jenkins for automated deployments, promoting consistent and efficient delivery. Excellent in Database development using MySQL, SQL Server, and NoSQL databases using MongoDB in various projects with expertise in deploying Stored Procedures, Triggers, and SQL Queries.

Education

Master of Science in Business Analytics (Data Science)

Aug 2023 – Aug 2024

University of Cincinnati, USA (CPA: 3.96/4.0)

Technical Skills

- **Languages:** Python, Java, JavaScript, SQL, TypeScript
- **Frameworks/Libraries:** Django, Flask, Spring Boot, Spring MVC, REST API, FAST API, React.js, Node.js, TensorFlow.
- **Web Technologies:** HTML5, CSS3, JavaScript, Bootstrap5, jQuery, JUnit5 JSON, XML, Redux, UI Frameworks, Spring Security
- **Cloud:** AWS (EC2, SQS, SNS, Code Deploy, CloudWatch, API Gateway, GCP, Azure
- **Database:** MySQL, PostgreSQL, MongoDB, Cassandra
- **CI/CD and DevOps Tools:** ServiceNow, Git, GitHub, GitLab, Jenkins, GraphQL, Docker, Kubernetes, Kafka

Professional Experience

Software Engineer — Charles Schwab (Remote)

Jul 2024 – Present

Technology: Java, AWS, JavaScript, React.js, Spring Boot, Spring Security, Kafka

Cincinnati, USA

- Designed and developed **APIs** leveraging microservice architecture, utilizing Spring Boot for efficient development and **JMS** for asynchronous communication with Kafka as the message broker.
- Boosted code maintainability and streamlined development by crafting custom React hooks, effectively encapsulating complex DOM logic for seamless reuse across multiple components.
- Implemented Spring Data JPA repositories with 20 methods for **CRUD** operations, filtering, and complex data retrieval tasks.
- Improved and managed the **CI/CD** pipeline using **Jenkins** and **Kubernetes**, implementing automated testing and deployment within an agile development framework for seamless backend changes integration and delivery.
- Enhanced security protocols by integrating **JWT tokens** and implementing session expiration policies for secure API interactions
- Employed test-driven development (TDD) to design and implement automated and comprehensive unit and integration testing with **Selenium**, **JUnit 5**, achieving 80% code coverage for RESTful APIs.

Senior Software Engineer — Allianz life Insurance - [link](#)

Jun 2020 - Jun 2023

Technology: Java, AWS, React.js, FastAPI, REST API, JWT, JUnit

Bangalore, India

- Presented proof of concepts; handled on-call rotations, managed 3+ **Software Development Life Cycle** phases of project exploiting **JIRA**, **Kanban**, **Scrum**, and **Agile methodologies** resulting 20% mitigation in bug reports.
- Optimized **React.js** components using memoization and code-splitting techniques, resulting in a 10% reduction in bundle size and upgraded application performance.
- Accomplished a **Flask**-based microservice handling multiple requests per second, increasing system scalability by 40%.
- Built and optimized RESTful APIs and secure data workflows leveraging Informatica ODS, enabling seamless integrations with **LLM-powered tools for customer support automation** and reducing data breaches by 20% .
- Developed and optimized high-volume **SOAP and RESTful Web Services** using **Java Spring Framework**, improving the processing speed of customer requests by 30%.
- Implemented **CI/CD** & integrated testing frameworks like **JUnit** to streamline deployment cycles, reducing downtime by 20%.
- Migrated legacy systems to **distributed Cassandra DB**, ensuring better fault tolerance and scalability, which supported a 45% increase in targeted marketing campaigns.
- Integrated **JWT** (JSON Web Token) for stateless authentication, ensuring secure & efficient API interactions across microservices
- Cooperated with backend developers to troubleshoot and resolve **API** integration challenges, achieving a 95% success rate on the first deployment for new API integrations, utilizing **REST API** for comprehensive testing.
- Designed and implemented **Spring Security** configurations for authentication using **OAuth2**, **JWT tokens**, and **session-based authentication**, enhancing system security.
- Executed a **FastAPI** microservice for image classification, reducing processing time by 30% compared to a **Django REST API**.

Software Engineer — Aspire Technolab

Aug 2019 - May 2020

Technology: Java, Spring Boot, JUnit, REST API

Bangalore, India

- Accomplished comprehensive unit and integration tests using **Java Spring Boot (JUnit)**, automating backend API calls to enhance reliability, and wrote 20+ automated tests for API sanity testing.
- Enhanced microservice communication efficiency by 30% by developing well-structured **RESTful APIs** using **Spring MVC** enabling faster data exchange and reduced latency.

Academic Experience

Software Engineer — University of Cincinnati (CCHMC)

Dec 2023 – Apr 2024

Technology: Python, R, EDA, Excel, Data Visualization, ML, LLMs SQL, GCP.

Cincinnati, USA

Certifications

- [Google Cloud Associate Cloud Engineer Certificate](#) [Google Data Analyst](#)