

DURGA KARTHIK YANDRAPU

☎ +91 7674989729 ✉ durgakarthikyandrapu@gmail.com 💻 [karthikyandrapu](#) 🌐 [karthikyandrapu](#)

Professional Summary

Java Backend Developer with 1+ year of professional experience developing scalable backend applications using **Java** and **Spring Boot**. Proficient in designing **Microservices**, **REST APIs**, and high-performance event-driven applications using **Apache Kafka**. Experienced in **SQL optimization**, **AWS**, **Tekton**, **ArgoCD**, and **Agile** software development, delivering **reliable, secure, and scalable enterprise-grade** backend solutions.

Experience

Cognizant Technology Solutions - Client: Elevance Health

Hyderabad, Telangana

Java Backend Developer

Jun 2025 - Jun 2026

Project: Funding Information Request Manager (FIRM)

- Engineered scalable REST APIs for FIRM, enabling seamless data flow across 3 upstream (SoRDS, COM2, FOA) and 2 downstream (RMB, Icertis) enterprise systems.
- Developed 20+ REST APIs using Java and Spring Boot, designing scalable, secure, and high-performance backend services to support enterprise business workflows and seamless system integration.
- Implemented Apache Kafka consumers to process 1+ million daily events from upstream systems into the FIRM inbound topic, enabling reliable asynchronous message processing and efficient communication across distributed microservices.

Project: EH Tech and Platforms - Government Business Division Services

- Modernized a legacy Delphi Pascal application with Angular and Spring Boot by migrating 24 core business modules, developing backend services, and integrating with the USPS API to improve end-to-end application performance.
- Migrated 8+ HIPAA services from SOAP to REST architecture using Java and Spring Boot, constructing 30+ refined REST controllers to maintain high data integrity.
- Remediated 40+ security vulnerabilities by analyzing Checkmarx SAST and SCA reports and applying Wiz fixes.

Java Full Stack Developer - Intern

Jan 2025 - Jun 2025

- Completed a rigorous 14-week intensive training program in Java, Spring Boot, and Angular to build a strong foundation in enterprise-level full-stack development.
- Built 10+ REST APIs using Spring Boot and integrated them with an Angular frontend and MySQL database.
- Applied learned technologies to develop the Employee Leave & Attendance Management System, delivering a functional end-to-end full-stack application in just 3 weeks.

Education

Sagi Rama Krishnam Raju Engineering College

Bhimavaram, Andhra Pradesh

Bachelor of Technology in Computer Science & Engineering, CGPA: 9.02/10

Nov 2021 - May 2025

Honors Degree in Data Science, CGPA: 8.50/10

Projects

Employee Leave & Attendance Management System | *Spring Boot, Angular, MySQL, Microservices* **[GitHub Link](#)**

- Launched a full-stack enterprise application for 5,000 employees, automating attendance and leave workflows to boost operational efficiency by 30%.
- Designed a responsive Angular frontend with real-time dashboards, integrated via 20+ secure RESTful APIs to ensure seamless data synchronization and scalable integration across 5 core modules.
- Architected a robust Spring Boot and MySQL backend, leveraging effective indexing and connection pooling to optimize database performance and reduce query response times by 40%.

Technical Skills

- **Programming Languages:** Java, Python, SQL, TypeScript
- **Frameworks:** Spring Boot, Spring, Hibernate, Angular
- **Web Technologies:** REST APIs, Microservices, Apache Kafka, Spring Data JPA, Swagger
- **AI Technologies:** Spring AI, LangChain4j, LLM Integration
- **Databases:** MySQL, Oracle, PostgreSQL, MongoDB
- **DevOps & Cloud:** AWS, Azure, Tekton, ArgoCD
- **Tools:** Maven, Git, Postman, JUnit, Mockito, Checkmarx, SonarQube

Certifications

- Certified in Microsoft: Azure Fundamentals (AZ-900) - [Link](#)