

Srinivas Yanamandra

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Education

Lovely Professional University

Bachelor of Technology in Computer Science and Engineering (CGPA of 7.00).

2021 - 2025

Jalandhar, India

Sri Chaitanya Junior College

Intermediate (85%).

2019 - 2021

Hyderabad, India

Experience

Technum Opus Private Limited

Mar 2025 - Present

Java Backend Developer

Gurgoan, On-site

- Building scalable AI-driven SaaS solutions using **Spring Boot** and **microservices** architecture
- Developing multi-tenant applications with advanced data management using **PostgreSQL** and **JSONB**
- Implementing event-driven architecture with **Apache Kafka** for real-time processing and API Gateway to streamline communication between microservices, enhancing overall system performance and maintainability, also Incorporated a **Circuit Breaker** pattern to enhance system resilience
- Optimizing system performance through **Redis** caching mechanisms
- Focusing on modularization and mistake-proofing to maintain high development standards

GrapplTech

Jun 2024 - Aug 2024

Software Developer Intern

Remote

- Developed and optimized backend services using **Java** and **Spring Framework**, improving performance and scalability.
- Integrated **RESTful APIs** for seamless frontend-backend communication.
- Collaborated in an **Agile** environment, gaining hands-on experience in backend development.

Projects

E-Verification Multi-Tenant SaaS System / Spring Boot, PostgreSQL, Kafka, Redis /

- Designed and implemented a robust multi-tenant SaaS system for e-verification processes.
- Utilized PostgreSQL with JSONB for flexible and efficient data storage.
- Implemented event-driven architecture using Apache Kafka for real-time processing
- Developed modular backend with best practices to ensure system standards and mistake-proofing.
- Integrated Redis for efficient caching and performance optimization

SaaS Architecture Metadata Management System / Java, PostgreSQL, Spring Boot, Microservices /

- Architected a comprehensive backend system for SaaS platform metadata management.
- Implemented modularization best practices to ensure scalability and maintainability
- Developed a robust metadata framework to support dynamic multi-tenant architecture
- Created mistake-proofing mechanisms to maintain consistent system standards
- Designed flexible and extensible microservices infrastructure

Self-Contained Document Matching and Scanning System / Python, Django, SQLite, HTML, CSS, JS /

- This project leverages AI-powered text matching algorithms (e.g., Levenshtein distance, TF-IDF, cosine similarity) to compare uploaded documents and identify similarities.
- Features include: User authentication (registration, login, role-based access). Admin dashboard for analytics, credit request management, and user oversight.
- The system incorporates a credit-based workflow to manage user activity.
- Built with Django (Python) and SQLite, the system is lightweight, self-contained, and easy to deploy.

Technical Skills

Languages: Java, Python, SQL, HTML, CSS

Technologies and Frameworks: Spring Boot, Django, React.js, Bootstrap

Developer Tools: VS Code, Eclipse, IntelliJ IDEA, Postman, Docker, JIRA, Git, GitHub, SonarQube

Databases: MySQL, PostgreSQL, SQLite

Other Skills: REST, Maven, Microservices, Multithreading, Design Patterns, Caching (Redis), Spring Security

Achievements

- HackerRank - 5-star in Problem Solving, 4-star in Java.
- Awarded with 7 LeetCode Badges.
- Solved 700+ questions across all platforms.
- Scored 80% in analytical skills in the co-cubes where more than 2k students have participated