

# Sriram Kulkarni

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Software Engineering student with interests in compilers, AI systems, and secure software development.

## EDUCATION

### JSS Academy of Technical Education

*Bachelor of Engineering in Information Science (VTU)*

Bengaluru, Karnataka

Aug. 2023 – May 2027

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, TypeScript, HTML/CSS

**Frameworks & Libraries:** Spring Boot, React.js, FastAPI, LangChain, LangGraph.

**Databases & Tools:** MySQL, PostgreSQL, MongoDB, AWS, Azure, Google Cloud Platform (GCP), VectorDB (Qdrant), Docker, Redis

**Core CS:** DBMS, Operating Systems (OS), Object-Oriented Programming (OOP), Computer Networks (CN)

## PROJECTS

### NEXUS | *React, TypeScript, Java, Spring Boot, MongoDB* [Demo](#)

- Built a **college-wide web application** to manage **student clubs, events, and member activities** with **role-based access control**.
- Developed features for **event creation and scheduling, club promotions, and member application review**.
- Implemented **secure authentication** with separate dashboards for **super admins, club admins, and members**.
- Designed and integrated **UI components** for **club profiles, event listings, sponsor management, and notifications**.
- Designed a **scalable deployment architecture** using **AWS S3 and CloudFront** for frontend delivery, **Redis caching**, and **AWS EC2** backend to support **high concurrent usage** across the college.

### AyuMitraAI | *React, Python, FastAPI, LangChain, Cerebras API* [GitHub](#) | [Live Demo](#)

- Built a **healthcare web platform** connecting **patients with highly qualified doctors from small clinics**, improving **doctor discoverability and patient access**.
- Developed **AI-powered agents** using **LangChain and Cerebras API** to assist with **medical queries and patient interactions**.
- Implemented intelligent **AI agents for patient triage, symptom analysis, doctor matching, prescription support, and follow-up care**.
- Implemented **role-based authentication** with separate dashboards for **patients and doctors**.
- Integrated **secure payment processing** to handle **consultation fees and medical service transactions**.

## AWARDS & RECOGNITION

- Secured 3rd Place (Track 3) in the [IndiaAI Impact Gen-AI Hackathon](#) organised by **Indian Institute of Science Bengaluru, IBM and Cisco**.
- Recognized as a **Level 6 (Super Contributor)** in **Open Source** at [Hacktoberfest](#), contributing to multiple repositories and fostering open-source collaboration.

## CERTIFICATIONS & ADDITIONAL INFORMATION

- **Languages:** English (Professional), Kannada (Native), Hindi
- **Volunteer Experience:** Serving as a **Google Student Ambassador**, conducted coding workshops for juniors, and promoted developer community initiatives.
- [Oracle Cloud Infrastructure AI Foundations Associate](#) — Certified by Oracle University for foundational AI and cloud integration concepts.