Shriram Kulkarni

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Passionate About Building Scalable AI-Driven Solutions That Solve Real-World Problems

EDUCATION

JSS Academy of Technical Education, Bengaluru
B.E. in Information Science (8.2 CGPA)   2023 - 2027

Shree Guru Independent PU College (Science)
PUC (12th) – 92%   2021 – 2023

Aryan English Medium School
10th – 82%   Completed: 2021

TECHNICAL SKILLS

- **Programming Languages:** Java, Python,C,C++,HTML,CSS, JavaScript, TypeScript

- **Frameworks & Libraries:** Spring Boot, React, Streamlit, LangChain, LangFlow,LangGraph, Spring Security, RESTful APIs

- **Databases & Tools:** MySQL, MongoDB, PostgreSQL, Git, GitHub, Apache Kafka, SonarQube, Docker, Jenkins, CI/CD, Tesseract OCR, Redis

- **Concepts:** Data Structures & Algorithms, DBMS, Operating Systems, Generative AI, LLMs, OOP, SDLC, Microservices

- **Cloud Technologies:** AWS (EC2, S3), Azure, GCP (Basic Experience)

PROJECTS

- **Briefify AI:** Developed a full-stack web application for document summarization using **Generative AI**, achieving a **20% reduction in summarization time** compared to baseline methods. Implemented **JWT-based authentication** with **Spring Security**, integrated **Tesseract OCR**, and deployed on **Vercel & Railway**, demonstrating strong DevOps and CI/CD practices.

- **BeastFitness AI:** Designed and built a fitness coaching application integrating an **AI chatbot**, enabling personalized workout guidance and increasing user engagement by **15%**. Developed backend REST APIs with **Spring Boot** and connected to a **React** frontend, using **MongoDB Atlas** for secure data management.

- **WorkoutApp:** Engineered a personalized workout manager powered by **Generative AI**, providing contextual workout recommendations with a **RAG-based model**. Built an interactive **Streamlit** interface and orchestrated AI workflow with **LangFlow**, improving recommendation accuracy and user satisfaction. Data persisted securely with **Astra DB**.

AWARDS & RECOGNITION

- Secured top 10 position in intra-college hackathon by developing an AI-powered workflow automation tool.

- Awarded "Best Project" in course-based evaluation for developing a Spring Boot + React application with real-time features.

CERTIFICATIONS & ADDITIONAL INFORMATION

- **Languages:** English (Professional), Kannada (Native), Hindi

- **Volunteer Experience:** Conducted coding workshops for juniors,Team member in E-CELL of our college.