Srikanth Reddy

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Professional Summary

Worked in 5+ Tech Startups, 15+ Projects. Experience in Building and Deploying Interactive AI Systems and Full Stack Web Applications. Looking for Software Engineer Roles.

Work Experience

AI Systems Engineer — January 2025 - Present
ZenV Innovations — (Intern) Hyderabad, India.

- Developed a micro-service architecture backend for ML service communication
- Setup docker compose pipeline, and Redis based request tracking for smooth execution

AI Systems Engineer — November 2023 - December 2024
Venkys.io — (Intern) Hyderabad, India.

- Developed and integrated an Autonomous Course-Generation Agent based on LLMs.
- Developed and Deployed a recommender system to suggest content based on error code in IDE.

Artificial Intelligence Engineer — December 2023 - March 2024
Jaffa.ai — (Intern) Goa, India.

- Developed an AI Agent to generate an Analyst Note from a Quarterly Financial Conference Call.
- Result: 7200% faster solution to deliver analyst note after a financial conference call.

Projects

Flutto - Psychometric AI Platform — November 2024 - February 2025

- **Skills:** MERN, NextJS, FastAPI, Redis, Docker, PostgresSQL.
- Developed a psychometric platform using NLP to generate LLM-based responses tailored to users' traits, career fitment, and skills.

Autonomous Course Generation Agent — July 2024

- **Skills:** LangChain, LlamaIndex, PineCone, VectorDB.
- Developed an LLM-based agent that takes a topic and generates an activity-based learning course with.

Error Code Based Recommender — May 2024

- **Skills:** Sci-Kit Learn, MongoDB, ReactJS, NextJS.
- Developed and deployed a recommender system in IDE, recommends based on the error-code of user.

Web Interface for AI — November 2023

- **Skills:** MongoDB, NodeJS, ExpressJS, ReactJS.
- Designed and Built a Web Interface to interact with different AI models on web using MERN Stack.

Speech Emotion Analyser — October 2023

- **Skills:** TensorFlow, Sci-Kit Learn, Matplotlib, Pandas.
- Developed a Convolutional Neural Network model with 71% Accuracy to recognise the tones in a voice clip.

Education

Institute of Aeronautical Engineering
B.Tech in Computer Science and Engineering
November 2022- May 2026 (expected)

Hyderabad, India.
GPA: 8.48 (Till III. Sem)

Achievements

- IIT Madras Hackout '23 National Top-5 (36-Hour Hackathon).
- Won 3rd Prize at EPITOME'23 (24 Hour Hackathon).
- SM Winner of Hack The Verse '23 (24 Hour Hackathon).

Skills

- **Languages**
  C, C++, Java, Python, JavaScript
- **Frontend**
  HTML, Tailwind CSS, JavaScript, MERN Stack, NextJS, Redux,.
- **Backend**
  Flask, WebSocket, REST APIs, Kafka, MongoDB, PostgreSQL, Redis, Docker, Microservices, Async/Await, Event-Driven Architecture, Pub-Sub Model, Caching
- **Frameworks**
  FastAPI, Tensorflow, Keras, Sci-Kit Learn, Matplotlib, NLTK.
- **API Security & Resiliency**
  CORS, Rate Limiting, Input Validation, Error Handling, Authentication, Logging, Monitoring

Certifications

- Deep Learning Specialization - From **Coursera**
- Machine Learning Specialization - From **Stanford**
- CS50x: An introduction to Computer Science - From **Harvard**

Coding Profiles

- 5 Star in Python, Hackerrank.
- leetcode