

# 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 Developer Roles.

## Work Experience

### AI Systems Engineer

Venkys.io

November 2023 - Present

(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

Jaffa.ai

December 2023 - March 2024

(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.

### AI Researcher

Resonex

November 2023 - Present

(Founder) Hyderabad, India.

- Developed and launched a demo of autonomous mental health profiling SaaS with 80% accuracy.
- Built and integrated AI models with an interactive web interface.

## Projects

### 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.

### NLP Suicide Risk Detection

November 2023

- **Skills:** Python, NLTK, Pandas, Numpy.
- Developed and tested an AI (Classifier) model based on NLP, detects the suicide risk with 89% Accuracy.

### 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 Recognizant (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, SQL, LaTeX

### • Web Development

HTML, SCSS, Tailwind CSS, JavaScript, React.js, Node.js, Express.js, Bootstrap.

### • Frameworks

FastAPI, Tensorflow, Keras, Sci-Kit Learn, Matplotlib, NLTK.

### • Software

Git, GitHub, Vercel, Obsidian, Anaconda, Jupyter, Vim.

### • Technical

Software Development, Database, Artificial Intelligence, Data Structures, Algorithms, System Architecture, Neural Networks, Natural Language Processing.

## 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