

Srikanth Reddy

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Professional Summary

Versatile technophile with experience in a variety of fields, including Artificial Intelligence, Web Development, Business, and Marketing. I'm constantly trying to improve technology's usability. Looking to work in AI.

Work Experience

ResonexAI November 2023 - Present
Chief Executive Officer Startup Park, IARE, Dundigal

- Developed and launched a demo of mental health analysis models on the web with an 80% overall accuracy.

Aveha Solutions Pvt. Ltd April 2023 - August 2023
AI Engineering Intern IARE, Dundigal

- Developed and deployed ML models predicting community traffic, and did Exploratory Data Analysis on Student Economics.

e-DAM January 2023 - April 2023
Business Lead Dundigal, Hyderabad.

- Oversaw a team of 10, and held regular meetings with Clients and potential partners, increasing revenue by 30%.

Projects

ResonexAI November 2023

- Made a website to interact with previously built AI models.
- Built in MERN stack with AI models running in (Python) backend.

NLP Sentiment Analysis November 2023

- Developed and tested an AI (Classifier) model based on NLP, trained on a dataset from Reddit, which analyses text and detects the suicide risk with 89% Accuracy.

Speech Emotion Analyser November 2023

- Developed and trained an AI (CNN) Model on open-source voice data, to recognize the different strengths of tones in a voice clip with 71% Accuracy.
- Feature extraction was applied to the audio clips.

Retrieval Augmented Generation November 2023

- Developed a retrieval augmented generation (RAG) model for the Indian Government. to chat with their LTC rule set.
- Built in LangChain, ChromaDB.

Achievements

- Placed 1st and achieved a perfect score of 400/400 in SkillUp'23, a 4-Hour Hackathon.
- IIT Madras Hackout '23 Recognizant (36-Hour Hackathon).
- Won 3rd Prize at EPITOME'23 - a 24 hours Hackathon.
- 5 Star Gold Badge Programmer in Python + HackerRank 400+ Points.
- Volunteered, provided assistance, and participated in a documentary aimed at helping underprivileged kids through Common School Association (CSA).

Technical Skills

- Languages**
C, C++ , Java, Python, SQL, LaTeX
- Web Dev**
HTML, SCSS, JavaScript, React.js, Node.js, Express.js Bootstrap
- Frameworks**
Tensorflow, Keras, Sci-Kit Learn, Matplotlib, NLTK
- Software**
Git, GitHub, Vercel, Obsidian, Anaconda, Jupyter
- Subjects**
Data Structures, Algorithms, Database, Machine Learning, Deep Learning, Neural Networks

Certifications

- Neural Networks And Deep Learning - From **Coursera**
- Unsupervised & Reinforcement Learning - From **Stanford University**
- Advanced Learning Algorithms - From **Stanford University**
- Supervised Machine Learning - From **Stanford University**
- CS50x: An introduction to the intellectual enterprises of computer science and the art of programming - From **Harvard University**

Research

- Autonomous Mental Health Monitoring in Digital Platforms Using Multi-Modal AI. (ongoing)

Education

- Institute Of Aeronautical Engineering**
Dundigal, Hyderabad.
November 2022-Present.

B.Tech Computer Science And Engineering
GPA: 8.82 (Current)

- Narayana Junior College**
Hyderabad.
March 2020 - March 2022

Class XII
Grade: 93%