Rohan Sridhar

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Profile Summary

AI-driven Undergraduate with a strong background in Machine learning, Deep learning, and Data Analytics. Currently pursuing a Bachelor's degree in Computer Science specialised in AI and Data Science with a CGPA of 8.9 from Reva University. Experienced in advancing AI technologies through practical work in Internships and Hackathons. Seeking Internship and full-time positions in AI-driven companies and AI-regulated industries to apply my expertise and contribute to innovative research and development projects.

Education

Reva University — Bangalore, India
Bachelor of Technology in Artificial Intelligence and Data Science — *Aug 2021 – 2025*
- Cumulative GPA : **8.9/10.0**

ST Claret Pre-University — Bangalore, India
Secondary Education – State Board — *2018 – 2020*
- Percentage : **88.5/100.0**

Florence Public School — Bangalore, India
Primary Education – ICSE — *2018 Passout*
- Percentage : **80.5/100.0**

Work Experience

Igebra.ai — June 2024 - Present
AI Intern — *Bangalore, Karnataka*
- Working on creating an end-to-end project on Media Content Creation with LLM's and GenAI tools
- Working in an R&D team and have delivered professional lectures on Generative AI to a class of over 30 students.

Phoenix Labs — Jan 2024 - May 2024
AI Intern — *Remote*
- Worked on Satellite Imagery Model for predicting the speed and positions of over 600 Satellites
- Developed and fine-tuned multiple AI projects to align with company requirements
- Created a custom Image Generation Model to generate tailored images.

Technical and Soft Skills

- **Programming Languages**: Python
- **Data Science and Miscellaneous Technologies**: Data Science Pipeline(collection, cleansing, visualization, modeling), Statistics, Tensorflow , CI/CD Pipeline, Rag, LLM's, NextJs Heroku, Vercel
- Relevant Coursework: Python Programming,Machine Learning,Deep Learning,Digital Image Processing, Data Analytics,Pattern Recognition,Algorithms and Data Structure, Database Management System, Operating System
- **Soft Skills:** Strong Rapport Building, Collaborative Problem-Solver, Quick learner.

Hackathons and Achievements

- Google Solution Challenge: **Global Hackathon** Collaboratively participated as a team member in one of the **top 50 teams** from Bangalore, competed globally in the **2024 Google Solution Challenge**.
- Smart India Hackathon: **Internal Hackathon** Collaborated as a key team member and the team was selected one among the **top 10 teams** during the internal selection, successfully developing a project under the Ministry of Defence category.
- Reva Hack 2022 and 2024: **National Level Hackathon** Actively participated as a team member in 2022 and later contributed as a core team member in the **Event Management Committee**, successfully organizing the hackathon in 2024.
- **Sales Job Simulation - Red Bull**, **AI Job Simulation - Cognizant**, **Data Analyst Bootcamp**

Projects

ScanCarry: AI-driven Product Ingredient Analysis Web-App | *Health and Nutrition Analysis*
- Developed a web application that simplifies the understanding of product ingredient's health implications. Users can **Scan or upload an image** of ingredient label to get detailed ingredient information.
- Implemented a model that provides a **health score** from 0 (worst) to 5 (best) for a quick assessment based on the ingredients.

Automated Keyword Extraction | *Natural Language Processing*
- Engineered a project aimed at **text extraction** from images and PDFs, followed by ranking important keywords within the extracted text.
- Utilized both **Large Language Models (LLM)** and traditional methods to ensure versatile and accurate keyword extraction.
- **Research: TextVerse–A Streamlit Web Application for Advanced Analysis of PDF and Image Files** - Research paper presented at **IEEE APCIT 2024**, focusing on analysis with and without Language Models.

Football Match Analysis using YOLOv8 | *Computer Vision and Medical Imaging*
- Developed an end-to-end **Football Match Analysis** using YOLOv8, significantly improving accuracy in detecting and tracking key objects, including players, referees, and the football itself.
- Integrated advanced **deep learning and Machine learning** techniques to enhance the precision and reliability of the Analysis process.