Ravikiran Edaboina

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Career Objective

Passionate undergraduate Computer Science student with strong proficiency in Python along with practical experience in machine learning and software development. Skilled in developing efficient, scalable solutions using modern technologies and clean coding practices. Committed to continuous learning and contributing effectively to innovative projects in collaborative and fast-paced environments.

Education

Sree Dattha Group Of Institutions, B.Tech in CSE (CS)	2023 – 2027
TSMS Jr. College, Intermediate (MPC), 76.9%	2021 – 2023
TMRS Chandrayaan Gutta Boys-1, SSC, 10 GPA	May – 2021

Professional Experience

Community Manager Intern, Student Tribe, Hyderabad — Aug 2024 - Nov 202

- Engaged the student community by managing events, queries, and communication channels.
- Supported campus events, collaborating with teams to boost participation and ensure smooth execution.

Projects

Monsoon Alert — Smart City Flood Monitoring System

- Developed Monsoon Alert, a smart-city flood monitoring system that integrates real-time citizen-sourced reports into Google Maps to identify waterlogging, clogged drains, and high-risk zones, helping both commuters and authorities react proactively.
- **Tools:** JavaScript, Google Maps API, Node.js, Express, Supabase , HTML, CSS

Academic AI Chatbot (Botpress)

- Built an academic chatbot using Botpress, trained on college syllabus PDFs to provide accurate, simplified answers to student queries and enhance learning efficiency across multiple subjects.
- **Tool**s: Botpress, Supabase, Html, CSS.

Dr.Care

- A personal health assistant app featuring vision models for analyzing medical reports and X-rays. It includes a 3D interactive body map for symptom localization, personalized medication and diet plans, and location-based hospital recommendations.
- **Tool**s: Expo Go ,React ,TypeScript, open lama vision models.

Campus Buzz

- A community platform for students to find gig work, sell items, collaborate on projects, and share achievements. Facilitates skill swapping and peer-to-peer connection.
- **Tools** : Expo Go ,React ,TypeScript, Supabase , Email auth

Technical Skills

Languages: Python, C , Java
Technologies: Machine Learning, Deep Learning (CNN), NLP (LLMs)
Databases: MySQL, Supabase , Firebase
Libraries: NumPy, TensorFlow (basics).
Web Development: HTML, CSS, JavaScript, Node.js