ROHAN GAVADA

+918431441492 ⋄ Bengaluru, India

rohangavada8005@gmail.com ⋄ linkedin.com/rohan-gavada ⋄ www.github.com/rohan-2510

OBJECTIVE

Results-driven MCA student with strong problem-solving skills and hands-on experience in building web-based applications and modern databases. Skilled in developing scalable solutions, writing unit and integration tests, troubleshooting issues, and creating mockups or proof-of-concepts from high-level requirements. Adept at collaborating with cross-functional teams and communicating technical concepts clearly. Familiar with cloud platforms (AWS), with a strong commitment to delivering high-quality, client-focused solutions.

EDUCATION

Master of Computer Applications, PES University, Bengaluru — **Expected 2026**
CGPA - 7.88

Bachelor of Computer Applications, KLE Society's College of BCA RLSI, Belagavi — **2021 - 2024**
CGPA - 9.1

SKILLS

Technical Skills	Python (Intermediate), React(basics), Machine Learning(basics), SQL(Intermediate)
Soft Skills	Problem-Solving, Communication, Work ethic, Teamwork, Time Management.
Tools and Platforms	Visual Studio code, Windsurf, Cursor, Github

PROJECTS

Fitledger (React native, Firebase, HuggingFace dataset, Expo)

Developed an android application for comprehensive calorie and macronutrient tracking, enabling users to log food intake, monitor nutritional goals, and visualize macro breakdowns in real-time. Leveraged React Native and Firebase for seamless data management and real-time synchronization. Integrated the HuggingFace Food Dataset to provide accurate nutritional data for over 1,000 food items. Implemented a user-friendly interface that improved data entry efficiency by 30% and enhanced user engagement through interactive visualizations.

Market Demand Classification (Python, numpy, pandas, matplotlib, jupyter notebook)

Spearheaded the development and implementation of a machine learning-driven demand forecasting system, achieving a 25% improvement in prediction accuracy. Engineered comprehensive data pre-processing pipelines to handle missing values and create 15+ new features, significantly enhancing model performance. Deployed Random Forest algorithms to establish predictive relationships between historical crop sales data.

AI Agent (Multi-Modal Toolkit) — Classroom Hackathon (Python, Langchain, HuggingFace models, LLM, Prompt Engineering)

Led the end-to-end development of an AI-driven agent leveraging LangChain and Hugging Face models to streamline educational workflows. Orchestrated the integration specialized AI modules, enhancing functionality across NLP and computer vision domains. Implemented advanced prompt engineering techniques to improve task automation efficiency by 40object detection, and OCR, reducing manual data processing time by 35workflows by designing a scalable architecture.

EXTRA-CURRICULAR ACTIVITIES

- Participated in 24-hour Hackathon organized by Init Club, PES University.
- Participated in Inter-college Sports (Cricket), PES University.