Mouna C

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Education

Malnad College of Engineering, Hassan Nov 2021 – Aug 2025
B.E. in Computer Science and Engineering *CGPA: 8.61*

Technical Skills

- **Programming Language:** Python, React.js, HTML5, CSS3, JavaScript
- **AI/ML & Data Science:** Generative AI (OpenAI, LLMs, Prompt Engineering), Machine Learning (scikit-learn, Random Forest), Data Visualization (Matplotlib, Seaborn), API Integration
- **Tools:** Git, Figma, Canva, MS Excel, MS Word
- **Databases:** SQL, DBMS, SQLite

Internship

Data Science Intern Feb 2025 – May 2025
Internship Certificate

- Collected, cleaned, and preprocessed financial datasets using Python and pandas.
- Built predictive models for Stock Price Prediction, visualized insights, and presented actionable investment reports.
- Coordinated tasks, tracked milestones, and prepared documentation for smooth execution.

Projects

AI Automated Journal Ongoing
GitHub Link

- Developed multimodal AI-based journal integrating video, speech recognition (NLP), mood detection, and contextual insights.
- Built modules for automatic logging of schedules, shopping lists, and dream records.

Automated Harvest Machine for Precision Farming Nov 2024 – July 2025
GitHub Link

- Built ML system to classify areca nuts (ripe, unripe, rotten) using Random Forest + OpenCV.
- Designed real-time prediction pipeline for efficient sorting.

E-Commerce Platform for Oil Sales July 2024 – Sep 2024
GitHub Link

- Developed Flask backend + React frontend with MySQL database.
- Implemented product catalog, cart, and order management.
- Applied Agile project tracking.

Smart Shoe (Hackathon Project) Apr 2022 – Aug 2022
Certificate Link

- Won 3rd place at INSPIRE 2022; designed smart shoe with health sensors.
- Built mobile app prototype in Figma (Treximo).

Certifications & Achievements

- Published research paper: Automated Harvest Machine for Precision Farming (Research Link)
- INSPIRE 2022 Hackathon – 3rd place with Smart Shoe project