

# MOUNA C

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## EDUCATION

### Malnad College of Engineering

B.E in Computer Science and Engineering

Nov 2021 – July 2025

CGPA: 8.61

## SKILLS

**Project Management:** Agile, Scrum, Kanban, Waterfall, Risk Management, RACI Matrix, Change Management, Stakeholder Communication, Requirements Gathering, SMART Goals, OKRs

**Tools & Platforms:** Google Workspace, Trello, Jira, Asana, MS Project, Confluence, Slack

**Analytical & Technical:** Data Analysis (Excel, Google Sheets, Pivot Tables), Python (basic), ML Project Coordination, SDLC, Reporting & Documentation

**Soft Skills:** Leadership, Problem-Solving, Critical Thinking, Time Management, Collaboration, Adaptability, Conflict Resolution, Communication

## PROJECTS

### Tobacco Leaf Disease Detection using ML – Project Manager [\[GitHub Link\]](#) Aug 2025 – Present

- Leading a 3-month project delivering an ML-based crop disease detection system.
- Defining project scope, goals, deliverables, and success criteria aligned with SMART goals and OKRs.
- Coordinating cross-functional team (engineers, domain experts, testers) and managing stakeholder communication.
- Applying Agile and RACI frameworks; tracking progress using Trello Jira.

### Automated Harvest Machine for Precision Farming [\[GitHub Link\]](#) Nov 2024 – July 2025

- Built an ML-based system to classify areca nuts as ripe, unripe, or rotten.
- Collected and preprocessed datasets; trained Random Forest model and used OpenCV for image processing.
- Developed real-time prediction pipeline for improved sorting efficiency.

### E-Commerce Platform – Poorna Oils [\[GitHub Link\]](#) July 2024 – Sep 2024

- Developed a full-stack e-commerce website using Python and Flask for backend, React.js for frontend, and MySQL database.
- Implemented product catalog, shopping cart, and order management features.
- Managed project timeline and workflow using basic Agile principles.

### Smart Shoe – Hackathon Project [\[Demo Link\]](#) Apr 2022 – Aug 2022

- Won 3rd place and 10,000 at INSPIRE 2022 Hackathon for innovative smart shoe design.
- Developed shoes with sensors to track steps, monitor health metrics, and provide real-time feedback via a mobile app.
- Designed the app Treximo in Figma, displaying heart rate and step counts with intuitive UI.
- Demonstrated technical integration between hardware sensors and software for health and fitness tracking.

## INTERNSHIP

### Data Science Intern – Plasmid [\[Certificate\]](#) Feb 2025 – May 2025

- 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 project documentation for smooth execution.

### Innovation & Entrepreneurship Intern – InvenTeron [\[Certificate\]](#) Oct 2023 – Nov 2023

- Led the Nanncy project, developing the concept of a platform connecting parents to nannies, overseeing all aspects of planning and execution.
- Managed cross-functional team coordination, assigned responsibilities, and tracked progress to ensure timely completion of milestones.

- Conducted market research, feasibility analysis, and strategic planning, making key decisions to guide project direction and outcomes.

**Web Application Developer Intern – J V Global Pvt Ltd** [\[Certificate\]](#)

Sep 2022 – Oct 2022

- Gained hands-on experience in building responsive websites and web applications using HTML, CSS, and JavaScript. Developed interactive front-end interfaces, honing skills in core web development and user experience design.

## CERTIFICATIONS & ACHIEVEMENTS

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**Google Project Management: Professional Certificate (Coursera – In Progress)** [\[Link\]](#)

- Comprehensive training in project management principles, Agile, risk management, and stakeholder communication.

**Paper Publication – Automated Harvest Machine for Precision Farming** [\[Publication\]](#)

- Published research on developing an AI/ML-based system for real-time arecanut classification, showcasing innovation and practical implementation.

**Hackathon – Social Innovation Inspo “INSPIRE 2022”** [\[Drive Link\]](#)

- Developed the Smart Shoe project, integrating sensors and mobile app prototype to track health metrics and provide real-time feedback.