



MANISHA P POOJARY

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Haleyangadi, Mangaluru

OBJECTIVE

MCA final-year student with hands-on experience in full-stack development, Python, and AI-based projects. Seeking an entry-level software developer or data analyst role where I can apply my technical skills to build real-world solutions and grow in a challenging environment.

EDUCATION

Masters of Computer Applications (2024 – 2026)

NMAM Institute of Technology, Nitte

CGPA: 6.65

Bachelor of Computer Applications (2021 – 2024)

Vijaya College Mulki, Mangaluru

62.89%

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, PHP

Web Development: HTML, CSS, React.js, Node.js

Databases: MySQL, MongoDB

Tools & Frameworks: TensorFlow, OpenCV, Flask, Git, VS Code

PROJECTS

• AI-Driven Sign Language Translation:

- Developed an AI-based sign language translation system using Python, TensorFlow, and OpenCV achieving accurate gesture recognition for real-time communication.
- Dual-model system using a fine-tuned ResNet-18 for word-level signs (e.g., “Hello”, “Bye”, “Yes”, “No”, “Thank You”) and a custom CNN for alphabet gestures.

• Student Registration Portal:

- Implemented using PHP, MySQL, HTML, CSS, JavaScript.
- Web-based platform to streamline admission process for UG and PG programs.

• Secure Authentication System:

- MERN stack project with user registration and login functionalities.
- Added OTP email verification (Nodemailer), bcrypt password hashing, and JWT-based authentication.

• Employee Management System:

- Flask-based web app using Python, SQLAlchemy, HTML/CSS.
- Features: add, update, view, delete employees.

INTERNSHIP

React.js Intern — CodeLab Systems, Mangalore

Jan 2026 – Feb 2026

- Completed a structured internship focused on React.js application development.
- Developed responsive UI components and integrated frontend with RESTful APIs.
- Improved application performance and user experience through optimized component design.

Full Stack Web Development Intern — Prodigy InfoTech

Jul 2025 – Aug 2025

- Completed a one-month internship in Full Stack Web Development (15 July 2025 – 15 August 2025).
- Strengthened skills in Flask, Bootstrap, SQLite, REST APIs, and deployment through real-world projects.
- Contributed to backend API development and frontend integration in a collaborative development environment.

CERTIFICATES

- Computer Architecture & Organization (Udemy) – CPU design, memory hierarchy, instruction sets.
- MongoDB Complete Developer's Guide (Udemy) – Schema design, CRUD, aggregation, indexing, Node.js integration.
- Flutter Workshop (NMAMIT) – Basics of Dart, widgets, Firebase authentication + database.

SOFT SKILLS

Communication, Problem Solving, Team Work, Time management, Adaptability

LANGUAGES KNOWN

English, Kannada, Hindi, Tulu