

MANISHA P POOJARY

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Haleyangadi, Mangaluru

OBJECTIVE

MCA final-year student skilled in Python, SQL, and full-stack development with hands-on experience in AI-based projects and web applications. Seeking a software developer or data analyst role to apply problem-solving skills and build scalable real-world solutions.

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 CGPA:6.62

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, PHP
Web: HTML, CSS, React.js, Node.js
Databases: MySQL, MongoDB
Tools: TensorFlow, OpenCV, Git, VS Code, Excel

PROJECTS

- AI-Driven Sign Language Translation: GitHub
 - 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.
- Secure Authentication System: GitHub
 - MERN stack project with user registration and login functionalities.
 - Added OTP email verification (Nodemailer), bcrypt password hashing, and JWT-based authentication.
- Employee Management System: GitHub
 - Flask-based web app using Python, SQLAlchemy, HTML/CSS.
 - Features: add, update, view, delete employees.
- QR Code Upload scan System: GitHub
 - Developed a system to detect fake or suspicious UPI QR codes using image processing and validation techniques.
 - Implemented QR code scanning, upload, and verification features to enhance digital payment security.
 - Built using Python and OpenCV with a simple user interface for real-time QR validation.

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.
- Strengthened skills in Flask, Bootstrap, SQLite, REST APIs, and deployment.
- Contributed to backend API development and frontend integration.

CERTIFICATIONS

- Data Analytics Job Simulation – Deloitte (Forage) Jan 2026
 - Completed practical tasks in data analysis and forensic technology using real-world business scenarios.
- Data Science Bootcamp – GeeksforGeeks
 - 6-week course on data analysis and machine learning model development.
- Cloud Computing Workshop – NMAM Institute of Technology Apr 2025
 - Participated in Student Development Program on Cloud Computing.
- Digital Marketing Training – ExcelR EdTech Jun–Jul 2025
 - Completed 30-hour live training program on Digital Marketing.

- Flutter Workshop – NMAM Institute of Technology Jun 2025
Participated in 4-day workshop on Flutter app development.
- Research Methodology and Publication Workshop – NMAMIT Jan 2025
Participated in two-day SDP on research methodology and publication.

SOFT SKILLS

Problem Solving, Team Collaboration, Quick Learner, Adaptability

LANGUAGES KNOWN

English, Kannada, Hindi