Manoj V

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🔗 LinkedIn | 🐙 GitHub | 🌐 Portfolio | 💻 LeetCode

OBJECTIVE

- *To leverage my skills in AI, data science, and problem-solving to contribute to innovative projects while continuously learning and growing in a dynamic organization.*
- *Seeking an entry-level position in software development where I can apply my MERN stack, Python, and cloud computing knowledge to deliver impactful solutions.*

Hands-on Practice

Face Recognition Attendance System

Python, OpenCV, Flask, MERN

- Automated attendance tracking using real-time face detection & recognition.
- Built admin dashboard for managing students/faculty, reports, and data import/export.

Inventory Tracker

MERN Stack

- Developed a full-stack web app to track and manage inventory items efficiently.
- Implemented CRUD operations with MongoDB and React-based UI.

MEC Attendance System (Advanced)

Python, OpenCV, MongoDB, React

- Integrated Python server with Node.js to process live images every 3 seconds.
- Designed role-based admin panel for faculty & student management.

Salesforce Prompt Engineering

Einstein Generative AI, Salesforce

- Created and tested AI prompt templates for translation, summarization, and engagement emails.
- Completed Salesforce **Agentforce Specialist Certification**.

Automated Book Publication Workflow

Python, Web Scraping, Automation

- Built an end-to-end pipeline to **scrape book data from online sources** and process metadata.
- Automated **data cleaning, formatting, and structuring** for seamless publication workflow.
- Implemented Python scripts to generate organized book drafts, reducing manual effort.

EDUCATION

- **B.Tech in Artificial Intelligence and Data Science**
  Muthayammal Engineering College, Tamil Nadu
  2023 – 2027 | CGPA: 7.5/10

- **Higher Secondary (XII), Tamil Nadu State Board**
  Shri Swamy Matric Hr. Sec. School
  2023 | Percentage: 73.6%

- **Secondary (X), Tamil Nadu State Board**
  Shri Swamy Matric Hr. Sec. School
  2021 | Percentage: 80%

SKILLS

Technical Skills :

- **Programming:** Python, Java, JavaScript
- **Web Development:** HTML, CSS, React.js, Node.js, Express.js, MongoDB (MERN Stack)
- **AI/ML:** NumPy, pandas, scikit-learn, TensorFlow, OpenCV
- **Tools:** Git, VS Code, Jupyter Notebook

Soft Skills :

- **Analytical Thinking & Problem Solving**
- **Team Collaboration & Leadership**
- **Effective Communication**
- **Adaptability & Quick Learning**
- **Time Management**

Interests

- Competitive Coding & Algorithm Challenges (LeetCode, Hackathons)
- Artificial Intelligence & Machine Learning Projects
- Open-Source Contributions
- Web Development & Full-Stack Projects
- Reading Tech Blogs & Learning New Tools

Achievements / Certifications

- **Microsoft Azure AI Fundamentals (AI-900)** – Completed 2025
- **Salesforce Certified Agentforce Specialist** – Sep 2025
- **Completed 100+ problems on LeetCode**, strengthening problem-solving and coding skills
- **Face Recognition Attendance System Project** – Full-stack AI project integrating OpenCV and MERN stack.
- **Automated Book Publication Workflow** – Built end-to-end Python automation pipeline
- **Participated in Hackathons / Coding Challenges** – Applied AI & full-stack skills to real-world problems.