

Manikandan M

Java Developer



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Objective

Aspiring to work in a forward-thinking organization where I can apply my academic knowledge, project experience, and problem-solving skills in AI and automation to develop innovative solutions that add real business value.

Education

Bachelor of Engineering (B.E.) – Computer Science and Engineering
Mahendra Engineering College

CGPA: **8.9**

Higher Secondary
Government Higher Secondary School
(2023)

Percentage: **83%**

Skills

Soft Skills: Communication, Leadership, Problem-Solving, Team Collaboration

Technical Skills: Java, Python, MySQL, Linux, AI

Projects

AI Smart Farming System

- Real-time plant disease detection using a webcam/drone and AI model
- Automated water pump control based on soil moisture sensor readings
- Web dashboard to monitor plant health, growth tracking, and disease reports
- Technologies: Python, OpenCV, FastAPI, SQLite

Hand Gesture Control System

- Control mouse, volume, brightness, and screenshots using hand gestures
- Technologies: Python, OpenCV, MediaPipe, PyAutoGUI

Student Management System

- Role-based login system for students and staff
- Tracks attendance, assignments, internal marks, leave requests, and certificates
- Technologies: Java, MySQL, HTML/CSS, Charts for visualizations.

Internship

Infosys – Web Scraping Intern

- Developed web scraping scripts to collect and analyze large datasets from multiple online sources.
- Technologies & Tools: Python, BeautifulSoup, Selenium, Pandas, SQL.

Salesforce Developer Virtual Internship

- Completed a virtual internship focused on Salesforce development and CRM solutions.
- Gained hands-on experience in Apex, Visualforce, and Lightning Components.

Achievements & Extracurriculars

- **Hackathon Participation:**
 - **2nd Prize** – AI Smart Farming Hackathon: Developed real-time plant disease detection and automated irrigation system.
 - Road Safety Hackathon – Developed AI-based safety solutions.

Certifications

- NPTEL – Java Programming
- Infosys SpringBoard – Python Programming