



# Manikandan M

Java Developer

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<b>Objective</b>	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.
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<b>Education</b>	<b>Bachelor of Engineering (B.E.) – Computer Science and Engineering</b> Mahendra Engineering College	CGPA: <b>8.9</b>
	<b>Higher Secondary</b> Government Higher Secondary School (2023)	Percentage: <b>83%</b>

<b>Skills</b>	<b>Soft Skills:</b> Communication, Leadership, Problem-Solving, Team Collaboration	<b>Technical Skills:</b> Java, Python, MySQL, Linux, AI
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<b>Projects</b>	<b>AI Smart Farming System</b> <ul style="list-style-type: none"><li>Real-time plant disease detection using a webcam/drone and AI model</li><li>Automated water pump control based on soil moisture sensor readings</li><li>Web dashboard to monitor plant health, growth tracking, and disease reports</li><li>Technologies: Python, OpenCV, FastAPI, SQLite</li></ul> <b>Hand Gesture Control System</b> <ul style="list-style-type: none"><li>Control mouse, volume, brightness, and screenshots using hand gestures</li><li>Technologies: Python, OpenCV, MediaPipe, PyAutoGUI</li></ul> <b>Student Management System</b> <ul style="list-style-type: none"><li>Role-based login system for students and staff</li><li>Tracks attendance, assignments, internal marks, leave requests, and certificates</li><li>Technologies: Java, MySQL, HTML/CSS, Charts for visualizations.</li></ul>
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<b>Internship</b>	<b>Infosys – Web Scraping Intern</b> <ul style="list-style-type: none"><li>Developed web scraping scripts to collect and analyze large datasets from multiple online sources.</li><li>Technologies &amp; Tools: Python, BeautifulSoup, Selenium, Pandas, SQL.</li></ul> <b>Salesforce Developer Virtual Internship</b> <ul style="list-style-type: none"><li>Completed a virtual internship focused on Salesforce development and CRM solutions.</li><li>Gained hands-on experience in Apex, Visualforce, and Lightning Components.</li></ul>
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<b>Achievements &amp; Extracurriculars</b>	<b>Hackathon Participation:</b> <ul style="list-style-type: none"><li><b>2nd Prize</b> – AI Smart Farming Hackathon: Developed real-time plant disease detection and automated irrigation system.</li><li>Road Safety Hackathon – Developed AI-based safety solutions.</li></ul>
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<b>Certifications</b>	<ul style="list-style-type: none"><li><b>NPTEL – Java Programming</b></li><li><b>Infosys SpringBoard – Python Programming</b></li></ul>
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