

Manikandan K B

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Career Objective

Computer Science graduate and AI enthusiast specializing in intelligent assistant development and system administration. Keen to merge hardware expertise with innovative AI software solutions to deliver impactful user experiences.

Education

Master of Computer Applications SASTRA Deemed to be University, Thanjavur	2023 – Present CGPA: 6.45 / 10
Bachelor of Computer Applications St. Joseph's College, Tiruchirappalli	2020 – 2023 CGPA: 7.80 / 10
Higher Secondary (CBSE) Nava Bharath Vidyalaya, Tiruchirappalli	2019 – 2020 Percentage: 60.6%

Technical Skills

Languages: C, C++, Python, JavaScript, PHP, HTML/CSS
AI/ML: NLP, Speech Recognition, Real-time Grading, Model Accuracy Evaluation
Web Development: MERN Stack, React.js, Node.js, MongoDB
System Administration: OS Setup (Windows/Linux), BIOS/UEFI, Networking
Tools: Git, VS Code

Projects

Tomato Quality Classification Developed a CNN-based system for real-time tomato grading using transfer learning. Achieved 97.5% binary and 96.67% multiclass accuracy. Deployed using a React + Node.js web application.	Aug 2024 – Dec 2024
College Complaint Management System Created a web application using the MERN stack to manage infrastructure complaints. Features included user reporting, MongoDB integration, and an admin dashboard for resolution tracking.	Jan 2023 – May 2023

Experience

AI Developer Intern <i>Voice AI Assistant for Customer Service</i>	Tech Vaseegrah Jan 2025 – Present
<ul style="list-style-type: none">Developed a call-handling AI assistant capable of executing voice commands using NLP.Integrated speech-to-text and LLM-based query classification for module routing.Enhanced user interaction accuracy and reduced latency in task execution.	
Freelance PC Technician <i>System Assembly and Troubleshooting</i>	Independent Jan 2020 – Present
<ul style="list-style-type: none">Diagnosed and repaired over 500 PC issues involving CPUs, RAM, SSDs, and motherboards.Built customized desktops for gaming, AI workloads, and general use.Configured OS installations, BIOS/UEFI, and local area network (LAN) setups.	