MANIKANDAN K.B

Software Engineer | Full-Stack Developer | Al Enthusiast

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in LinkedIn

GitHub

% Portfolio



SUMMARY

Aspiring Software Engineer with a consultative approach to problem-solving, specializing in building efficient, scalable business solutions. Familiar with systems analysis, customer support tools, and applying quality assurance practices in real-world projects. Passionate about solving complex problems in the healthcare and digital services industry.

EXPERIENCE

Al Developer Intern

Tech Vaseegrah

🛗 Jan 2025 - Present

- **◊** Thanjavur
- Built voice assistant using Whisper STT, LLMs, and RAG.
- Designed query classifier with fast NLP pipeline.

Freelance PC Technician (Part-time)

Independent

Jan 2020 - Present

♥ Tiruchirappalli

- Resolved 500+ PC issues: hardware, OS, networks.
- Custom built PCs for AI and gaming workloads.

PROJECTS

Voice RAG Chatbot

Intern Project

Jan 2025 - Present

- Built speech-enabled chatbot using Whisper STT, RAG, and LLMs.
- Integrated smart cart with memory-based checkout flow.

Tomato Grading System

Personal Project

math Aug 2024 - Dec 2024

- Built CNN model (97.5%) using transfer learning for image classification.
- Deployed with **React** frontend and **Node.js** backend.

Complaint Management Portal

Academic Project

- Created MERN stack system to log and track IT complaints.
- Added role-based dashboard and email alerts.

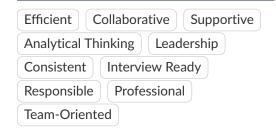
ACHIEVEMENTS

- Applied quality assurance methods while resolving 500+ hardware/software issues.
- Designed efficient product solutions with a customer-first approach, aligned to healthcare support tools.

TECHNICAL SKILLS



SOFT SKILLS



EDUCATION

Master of Computer Applications (MCA)

SASTRA Deemed University

2023 - Present

♀ Thanjavur

CGPA: 6.93 / 10

Bachelor of Computer Applications (BCA)

St. Joseph's College (Autonomous)

2020 - 2023

♥ Tiruchirappalli

CGPA: 7.80 / 10