

VIJAY ATHITHYAA G V

Aspiring Software Engineer | Bridging Logic, Innovation Impact | Adaptive

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Chennai, India



PROJECTS

GenAI-Powered Personalized Healthcare Assistant

Python, Flask, Gemini LLM

April 2025-May 2025

- Built a full-stack web app leveraging LLMs for medical symptom checking, mental health support, and pill reminders. Integrated a chatbot using fine-tuned transformer models and back-end logic to offer personalized, real-time healthcare care. Project Link

Automatic Fire Fighting Robot using GSM Module

Arduino UNO, GSM, Embedded c++

August 2024-October 2024

- Designed and built a smart fire fighting robot equipped with flame sensors and a GSM module. The robot detects the source, alerts via SMS, and navigates to the source to automatically extinguish it, enhancing safety in hazardous environments.

Smart Home Automation System — IoT

NodeMCU, Embedded c++, Blynk

Jan 2025-Mar 2025

- Developed a voice-controlled home automation system using NodeMCU and Google Assistant. Real-time monitoring and control of lights and appliances through a mobile app, integrating Blynk and IFTTT for seamless automation.

MConnect – Reuse, Reconnect, Resell

React Native, MongoDB, Node.js

August 2025-Ongoing

- Currently developing a campus-exclusive marketplace mobile app that enables students to buy and sell second-hand products securely. Using React Native for cross-platform mobile development, Firebase Authentication for verified user access, and MongoDB with Node.js for back-end data management and real-time updates.

CERTIFICATION

- Angular Basic Course – Infosys Springboard
- SQL (Basic) – HackerRank
- SQL (Advanced) – HackerRank
- AI Fundamentals – IBM SkillBuild

LANGUAGES

- English – Fluent (Professional working proficiency)
- Tamil – Native (Full professional proficiency)

EDUCATION

B.E Computer Science & Engineering

Madras Institute of Technology

August 2024 – Present CGPA: 9.56(till sem 4)

DIPLOMA Computer Engineering

IRT Polytechnic College

October 2021 - April 2024 Percentage: 98.09%

SSLC

Dr. Nalli Kuppuswami Vivekananda Vidyalaya Junior College

May 2020 - August 2021 Percentage: 85%

TECHNICAL SKILLS

Programming / Web Technologies

Java

C++

Python

JavaScript

React.js

Node.js

MongoDB

MySQL

Oracle

Tools / Frameworks

Git

GitHub

Canva

Cursor

Trae

KEY ACHIEVEMENTS

Technical

- Top 4 Finalist – 8-Hour Gen AI Hackathon
- 2x Winner – National Paper Presentation (Diploma Level)
- LeetCode Solver – Solved 100+ Problems

Non-Technical

- Rashtrapati (President) Awardee – Scouts & Guides
- Silambam Governor Awardee
- 3x World Record Holder – Silambam Martial Art
- Silambam Instructor – Trained 50+ Students (Ages 4–40)
- Team Leader – Scouts & Guides (State-Level Champions)