+91 6380244540
https://www.linkedin.com/in/logesh01/

Logesh M

logeshmuruganofficial@gmail.com
https://github.com/Logesh-Murugan

Career Objective

Aspiring AI and Backend Engineer with hands-on experience designing scalable full-stack applications and hybrid AI systems. Skilled in FastAPI, Spring Boot, React, PostgreSQL, Redis, and LangChain-based AI orchestration. Experienced in building secure, high-performance architectures using caching, asynchronous processing, and multi-LLM integration. Actively explore emerging AI technologies and apply AI-assisted development workflows to accelerate innovation. Seeking a Software Development or AI Engineering Internship to build impactful and scalable solutions.

Education

B.Tech. in Computer Science and Business Systems   **VSB ENGINEERING COLLEGE**   *Karur, Tamilnadu*

- Expected Graduation: 2027
- Engineering GPA: 8.34 / 10

Skills

- **Programming Languages & DB:** Python | Java | SQL | PostgreSQL | MySQL
- **Backend & API Development:** FastAPI | Spring Boot | RESTful APIs
- **AI & Machine Learning:** CNN | LangChain | LLM Integration (Groq, Gemini, Hugging Face,) | NLP
- **DevOps & Deployment:** Docker | GitHub Actions (CI/CD) | Render | Git
- **Developer Productivity & AI Workflow:** Prompt Engineering | AI-Assisted Development | Rapid Prototyping | AI-driven Code Optimization
- **Professional Strengths :** Problem Solving | Debugging | Agile Methodology | Secure Software Design | Scalable Architecture

Experience

AI Engineering Intern – Infosys Springboard (Ongoing)   **02/2026**

- Designed a hybrid AI architecture routing requests between traditional LLM APIs and LangChain-based agents for deep reasoning tasks.
- Integrated multi-provider LLM support with fallback logic and Redis-based caching (90%+ cache hit rate).
- Built scalable backend using FastAPI, PostgreSQL, and Celery for asynchronous processing.
- Implemented JWT authentication, rate limiting, and Docker-based deployment with CI/CD.

Projects

AI Wellness Vision – Medical Image Analysis App (Ongoing)   **06/2025**

- Developing CNN-based skin condition detection system with FastAPI backend.
- Integrated Gemini Vision API for explainable multimodal AI responses.
- Built Flutter mobile UI and Streamlit dashboard for interactive usage.

Smart City Management System – Full Stack Web App   **11/2025**

- Developed a city services management platform using Spring Boot, Thymeleaf, and MySQL.
- Implemented authentication, service request tracking, and administrative dashboards.
- Improved user engagement through structured UI and real-time service status tracking.

Certifications

- **McKinsey.org Forward Program** – Problem Solving & Digital Skills (Dec 2025)
- **Artificial Intelligence:** Concepts and Techniques – NPTEL (12 Weeks, Jul–Oct 2025)
- **IBM SkillsBuild** – Generative AI in Action
- **Accenture Virtual Internship** – Software Engineering Simulation
- **HackerRank Certified** – Software Engineering Intern