

MOHAMMED IRFAN

Student • Software & Web Developer • Systems Thinker

 Chennai, Tamil Nadu, India

 GitHub •  LinkedIn

PROFILE

Self-driven student developer with strong **problem-solving, leadership, and communication** skills. Experienced in building **web and application-based solutions** through hands-on, self-initiated projects. Known for understanding systems end-to-end, simplifying complexity, and bringing clarity to fast-moving or unstructured environments. Interested in **practical development, scalable systems, and continuous learning** through real-world challenges.

SKILLS

Technical

- **Frontend:** React, Next.js, HTML, CSS
- **Languages:** TypeScript, JavaScript, Python, Java, C / C++, Kotlin, Lua
- **Development:** Full-Stack Web Development, Web & App Development
- **AI & Tools:** Prompt Engineering, AI-assisted Development

Design & UX

- UI/UX Design
- User-Centered Design Thinking
- Interface Structuring

Core Strengths

- System Thinking & Problem Solving
- Logical Analysis
- Debugging & Optimization
- Fast, Independent Learning

Leadership & Communication

- Team Coordination
- Clear Technical Communication
- Ownership & Responsibility
- Planning & Task Structuring

EXPERIENCE & PROJECTS

Self-Initiated Technical Projects

Developer | Problem Solver

- Built and worked on multiple self-driven **web and application projects** focused on practical use cases.
- Designed and implemented modern frontend interfaces using **React, Next.js, HTML, CSS, and JavaScript**.
- Applied backend and system-level thinking to improve **Maintainability and Scalability**.
- Used **Python, Java, C/C++**, and other languages based on project needs.
- Leveraged **Prompt Engineering and AI tools** to accelerate development while maintaining clarity and structure.
- Continuously refined projects by identifying weak points and iterating on solutions.

Team-Based & Collaborative Work

- Worked in loosely structured teams with evolving or unclear requirements.
- Took initiative to **bring structure**, define priorities, and align contributors.
- Improved collaboration by acting as a bridge between **technical and non-technical** members.
- Balanced leadership with hands-on execution to ensure delivery quality.

CHALLENGES & PROBLEM SOLVING

- Encountered projects lacking clarity, structure, or alignment.

Resolved issues by **analyzing problems holistically**, simplifying objectives, and creating actionable plans.

- Improved team efficiency through clear communication and milestone-based execution.

Ensured decisions were grounded in **practical system understanding**, not assumptions.

EDUCATION

Madras Engineering College

Student

Currently pursuing studies while actively building technical skills through **independent learning and real-world projects**.

CURRENTLY LEARNING

- System Design & Scalable Architectures
- Writing clean, maintainable, and extensible code
- Leadership and communication in technical environments
- Aligning technical execution with broader goals

AVAILABILITY

- Part-time
- Flexible hours
- Open to discussion

ADDITIONAL INFORMATION

- Comfortable in **early-stage, fast-paced environments**
- Values clarity, ownership, and continuous improvement
- Strong preference for **learning by building** rather than theory alone