

GitHub: github.com/pavan-patil-22

LeetCode: leetcode.com/u/pavan-patil-22/

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PAVAN I PATIL

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About Me

MCA student at Presidency College, Bengaluru, with strong skills in full stack development using the MERN Stack and Flask for AI-based applications. Experienced in building responsive interfaces, integrating backend systems, and writing clean, scalable code, and staying focused. Highly focused on continuous learning, problem solving, and improving technical depth in modern software development.

Skills

- MERN stack
- Python Flask
- JavaScript
- C, Java and Python
- API integration
- Git and GitHub

Education

- SDVS'S BCA COLLEGE
SANKESHWAR
2025 | 81.98%
- SJPN TRUST PU COLLEGE
NIDASHOSI
2022 | 63.3%
- BHARATESH PU COLLEGE HIGH
SCHOOL SECTION BELLAD-
BAGEWADI
2020 | 76.6%

languages

- English
- Kannada
- Hindi

Interests

- Learning New Skills
- Exploring Tech
- Building Innovative Projects

Experience

- **Ligand Software Solutions Sankeshwar** (ligandsoftware.com)

Web-Developer Intern

FEB2025 - PRESENT

Worked on multiple **MERN stack** and **AI-based (Flask)** projects, contributing to both **team** and **individual** development tasks. Responsibilities included building responsive UIs, integrating backend APIs, optimizing application performance, and assisting in the delivery of **live client projects** with production-ready solutions. **Currently continuing to work remotely in my free time** on ongoing development tasks and improvements.

Projects

- **Seek-AI: AI-Powered Missing Person Detection System.**
Designed and implemented **Seek-AI**, a real-time facial recognition system using **Python (YOLO, OpenCV)** and **MERN stack** for automated detection and alerting in public surveillance networks
- **Secure Steganography-based Sharing System.**
Designed StegoFileShare using MERN stack, integrating steganography techniques for secure data sharing with key-based access control and activity tracking.
- **HertScan AI – AI-Based Heart Attack Prediction System.**
Developed HertScan AI using **Python** and **MERN stack**, implementing machine learning models for heart attack prediction and integrating a doctor appointment booking feature for preventive healthcare.

Key Achievements

- **Ligand Software Solutions – Official Website.** (ligandsoftware.com)
Developed the company's official website using the **MERN stack**, featuring a responsive UI, service pages, contact modules, and optimized performance for a professional client-facing experience.
- **Gururaj Foundation – NGO Website.** (gururajfoundation.com)
Worked in a **4-member team** to build a clean and responsive website using the **MERN stack** for a local NGO, showcasing missions, activities, donation details, and community programs with accessible navigation and well-structured content.
- **Ligand Workspace (ongoing project).**
Designed and developed an advanced **Learning Management System** using the **MERN stack** as part of a **4-member team**. Implemented key features such as attendance tracking, homework evaluation, fee management, project grouping, and secure admin-controlled access for students and teachers.