

PAVITHRAN S

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PROFILE SUMMARY

Curious mind and tech enthusiast with a passion for innovation and collaboration. Lifelong learner, creative thinker, and team player focused on problem solving and continuous growth. Energetic, motivated, and detail-oriented with strong technical skills in AI integration, and project teamwork. Driven by the desire for impactful software and challenging environments.

EDUCATION

Madras Institute of Technology, Anna University

Bachelor of Technology – Computer Science Engineering (CGPA: 8.00/10.0)

Chennai, Tamil Nadu

2023 – Present

Adhiparasakthi Polytechnic College

Diploma in Computer Engineering – 95.69%

Chengalpattu, Tamil Nadu

Jun 2020 – Apr 2022

St. Joseph of Cluny Matric Hr. Sec. School

Class 10th - Percentage – 55.80%

Viluppuram, Tamil Nadu

2008 – 2020

SKILLS

TECHNICAL SKILLS

- **Programming Languages:** C (Basic), Python, Java, SQL
- **Web Technologies:** HTML, CSS, JavaScript, ReactJS, NodeJS, MongoDB
- **Frameworks & Tools:** ExpressJS, Material-UI, Git, GitHub
- **Cloud & APIs:** Google Gemini AI API, Chrome Extensions API
- **Core Subjects:** Data Structures & Algorithms, Database Management, OOP

NON-TECHNICAL SKILLS

- Team-Work
- Communication
- Creative Thinker

PROJECTS

Mobile App Review Analytics & Rating System

2025

- Built an intelligent app review analyzer using **BERT-LSTM hybrid** to understand user sentiment with 91% accuracy
- Created a smart feature extraction system with **Mistral LLM** that identifies key app features from user feedback
- Developed automated clustering to group similar features and provide **data-driven insights** for app developers
- Designed fair rating system using **Bayesian scoring** that considers feature importance beyond simple star ratings

Hospital Appointment Management System

2025

- Created a Multifunctional **admin dashboard** for managing appointments, doctors, services, events, and user feedback
- Implemented **appointment confirmation and deletion** features with real-time updates leveraging **React** and **REST APIs**
- Configured a **responsive and professional UI** using **React Bootstrap** for seamless user experience across devices.
- Utilized **React Router** for smooth navigation and **fetch API** for communicating with backend services
- Backend developed with **Node.js** and **Express**, providing secure and efficient REST endpoints

DormNest: Student Accommodation Finder

2024

- Built a platform for student housing using **Java**, **Java Swing** and **PostgreSQL**.
- Completed property search, filters, and owner dashboard featuring real-time updates.
- Enabled secure authentication, listing management, and student-owner messaging
- Created a responsive UI with resizable images and easy access navigation

HOBBIES

- Playing Games
- Football
- Watching Movies

LANGUAGE

- Tamil
- English