

PAVITHRAN S

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🐙 GitHub

in LinkedIn

</> Pavithran-S

👤 Portfolio

PROFILE SUMMARY

A driven and detail-oriented Computer Science student with a passion for innovation, creative problem-solving, and collaborative development. Known for a curious mindset and a commitment to continuous learning, with proven technical strengths in executing impactful projects. Dedicated to crafting meaningful software solutions and excelling in fast-paced, challenging environments.

EDUCATION

Madras Institute of Technology, Anna University

Bachelor of Technology – Computer Science Engineering (CGPA: 6.4056/10.0)

Chennai, Tamil Nadu

Oct 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 – 60.1%

Viluppuram, Tamil Nadu

Jun 2008 – Mar 2020

TECHNICAL SKILLS

- **Programming Languages:** C (Basic), Java
- **Database:** SQL, MySQL
- **Web Technologies:** HTML, CSS, JavaScript, ReactJS, NodeJS, MongoDB
- **Frameworks & Tools:** Material-UI, Git, GitHub, Tailwind, Bootstrap
- **Core Subjects:** Data Structures & Algorithms, Database Management System, OOPs

PROJECTS

Mobile App Review Analytics & Rating System ↗

Jan 2025 - May 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 ↗

Feb 2025 - May 2025

- Set-up 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 ↗

Oct 2024 - Dec 2024

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

EXTRACURRICULAR ACTIVITIES

- Playing Video Games
- Playing Football
- Watching Movies
- Volunteering

LANGUAGE

- Tamil
- English