

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 <i>Bachelor of Technology – Computer Science Engineering (CGPA: 6.4056/10.0)</i>	<i>Chennai, Tamil Nadu</i> <i>Oct 2023 – Present</i>
Adhiparasakthi Polytechnic College <i>Diploma in Computer Engineering – 95.69%</i>	<i>Chengalpattu, Tamil Nadu</i> <i>Jun 2020 – Apr 2022</i>
St.Joseph of Cluny Matric Hr.Sec. School <i>Class 10th - Percentage – 60.1%</i>	<i>Viluppuram, Tamil Nadu</i> <i>Jun 2008 – Mar 2020</i>

SKILLS

TECHNICAL SKILLS

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

NON-TECHNICAL SKILLS

- Team-Work
- Communication
- Creative Thinker

PROJECTS

Mobile App Review Analytics & Rating System 🔗	Jan 2025 - May 2025
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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 🔗	Oct 2025 - Dec 2024
<ul style="list-style-type: none">• 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• Created a responsive UI with resizable images and easy access navigation	

HOBBIES

- Playing Video Games
- Football
- Watching Movies

LANGUAGE

- Tamil
- English