

# PAVITHRAN S

✉ pavithran.workat@gmail.com ☎ +91-9385985154 🌐 Pavithran200412 </> Pavithran-S

## 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

<b>Madras Institute of Technology, Anna University</b> <i>Bachelor of Technology – Computer Science Engineering (CGPA: 8.00/10.0)</i>	<i>Chennai, Tamil Nadu</i> 2023 – Present
<b>Adhiparasakthi Polytechnic College</b> <i>Diploma in Computer Engineering – 95.69%</i>	<i>Chengalpattu, Tamil Nadu</i> Jun 2020 – Apr 2022
<b>St.Joseph of Cluny Matric Hr.Sec. School</b> <i>Class 10th - Percentage – 55.80%</i>	<i>Viluppuram, Tamil Nadu</i> 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

<b>Mobile App Review Analytics &amp; Rating System</b>	2025
<ul style="list-style-type: none"><li>• Built an intelligent app review analyzer using <b>BERT-LSTM hybrid</b> to understand user sentiment with 91% accuracy</li><li>• Created a smart feature extraction system with <b>Mistral LLM</b> that identifies key app features from user feedback</li><li>• Developed automated clustering to group similar features and provide <b>data-driven insights</b> for app developers</li><li>• Designed fair rating system using <b>Bayesian scoring</b> that considers feature importance beyond simple star ratings</li></ul>	
<b>Hospital Appointment Management System</b>	2025
<ul style="list-style-type: none"><li>• Built a comprehensive <b>admin dashboard</b> for managing appointments, doctors, services, events, and user feedback</li><li>• Implemented <b>appointment confirmation and deletion</b> features with real-time updates using <b>React</b> and <b>REST APIs</b></li><li>• Designed a <b>responsive, professional UI</b> using <b>React Bootstrap</b> for seamless user experience across devices</li><li>• Utilized <b>React Router</b> for smooth navigation and <b>fetch API</b> for communicating with backend services</li><li>• Backend developed with <b>Node.js</b> and <b>Express</b>, providing secure and efficient REST endpoints</li></ul>	
<b>DormNest: Student Accommodation Finder</b>	2024
<ul style="list-style-type: none"><li>• Built a student housing platform connecting students with property owners using <b>Java Swing</b> and <b>PostgreSQL</b></li><li>• Developed search and filter functionality for properties based on location, budget, and amenities with real-time results</li><li>• Created owner dashboard for property management including listing creation, image uploads, and student communication</li><li>• Implemented secure user authentication and database integration with comprehensive testing for all modules</li><li>• Designed responsive <b>UI</b> with accommodation cards, image scaling, and intuitive navigation for seamless user experience</li></ul>	

## HOBBIES

- Playing Games
- Football
- Watching Movies

## LANGUAGE

- Tamil
- English