PAVAN THRIKOTI POTTUPALLI

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EDUCATION

B.Tech in Computer Science and Engineering   Oct 2022 – May 2026
Madanapalle Institute of Technology and Science (MITS), Andhra Pradesh
CGPA: 8.84 (as of 7th semester)

EXPERIENCE

Project-Based Development and Self-Learning   *Present*
- Designed practical applications like **Attendance Calculator**, **Expense Tracker**, and **Library System** using Python, HTML, CSS, JavaScript, React, and basic backend tools.
- Used core **DSA techniques** such as arrays and maps to implement logic for data handling, sorting tasks, and computing summaries.
- Followed **OOP concepts** by creating structured, class-based code to keep features modular and easy to manage.
- Explored AI tools like **ChatGPT** and **GitHub Copilot** to speed up development, debug code, and simplify routine functions.

PROJECTS

Faculty Availability Tracker (Web) LINK   Mar 2025 – Aug 2025
Role: Team Leader   Tech Stack: JavaScript, React.js, Firebase, Firestore, StackBlitz
- Building a real-time web app using **React.js** and **Firebase** to check faculty availability.
- Used **Firestore** for login and live status updates with responsive UI.
- Planning features like push alerts and in-app chat for direct communication.

Personal Expense Tracker LINK   Jun 2025 – Jul 2025
Role: Developer   Tech Stack: HTML5, CSS3, JavaScript, Chart.js, Vercel
- Created a budgeting tool to log and review spending patterns with clean design.
- Used **Local Storage** and **Chart.js** to track and display expense data visually.
- Published the site with auto-deploy using **Vercel**.

MITS Attendance Calculator – Chrome Extension LINK   Apr 2025 – May 2025
Role: Developer   Tech Stack: JavaScript, HTML5, CSS3
- Built a Chrome extension that fetches and calculates attendance data from the MITS portal.
- Managed permissions and background logic using `manifest.json` and `content.js`.
- Displayed results automatically after data load using a popup interface.

SKILLS

Programming Languages: Python, Java, C, SQL
Web Development: HTML5, CSS3, JavaScript, React
Libraries: OpenCV, Scikit-learn, Pandas, NumPy
Backend & Cloud Technologies: MySQL, Firebase, Firestore, XAMPP
Developer Tools: Git, GitHub, VS Code, StackBlitz, Tinkercad, Cisco Packet Tracer, Vercel, Netlify
Coding Platforms: LeetCode, GeeksforGeeks (GFG), Code360
Soft Skills: Communication, Team Leadership, Coordination, Decision Making, Problem Solving

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CERTIFICATIONS

Python Technology Stack – Infosys Springboard CERTIFICATE   May 2025 – Jul 2025
Programming in Java – NPTEL (IIT Kharagpur) CERTIFICATE   Jan 2024 – Apr 2024
Generative AI by Google Cloud CERTIFICATE   Jun 2024 – Sep 2024

ACHIEVEMENTS

- Awarded the **NPTEL Discipline Star** in **Computer Science** by **IIT Madras**.
- Achieved **top 10%** rank in a competitive coding contest at MITS.
- Ranked **147th** out of 4600+ students from MITS on the GeeksforGeeks Institutional Leaderboard.