Meganathan M

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Web Designer | CSE Student
AVS Engineering College, Salem | CGPA: 8.23

Professional Summary

- Motivated and detail-oriented Computer Science Engineering student with strong skills in web development.
- Experienced in real-world software development through internships and hackathons.
- Eager to build innovative solutions using AI, Flutter, React and modern web frameworks(node Js).

Education

AVS Engineering College, Salem 2022 – 2026
B.E. in Computer Science and Engineering *CGPA: 8.23*

Technical Skills

Languages: HTML, CSS, JavaScript, Java, Python
Frameworks: Flutter, React, Tailwind CSS, Streamlit
Databases: MySQL
Tools: Git, GitHub, Overleaf, VS Code

Internships & Hackathon Projects

Stack Queue Feb 2024 – Mar 2024
Web Development Intern
- Built and maintained responsive web components using HTML, CSS, and JavaScript across multiple screens.
- Collaborated with senior developers during code reviews and weekly sprint planning.
- Optimized website performance using CSS refactoring and reduced DOM reflows.
- Contributed to debugging sessions and fixed UI alignment issues for production pages.

Rapteeh Codevolt Hackathon – VIT Chennai Apr 2024
Project: E-Vehicle Fault Detection Website
- Built a full-stack web app using React.js and Tailwind CSSto detect and notify faults in electric vehicles.
- Implemented real-time error reporting to assist users in identifying vehicle malfunctions quickly.
- Demonstrated the project during Codevolt hackathon hosted by VIT Chennai.

Hack'Xelerate – KPR Institution, Coimbatore April 2025
Project: Digital Detox (Flutter App)
- Developed a mobile app using Flutter to help users monitor and reduce screen time.
- Integrated screen usage tracking and analytics to promote healthy digital habits.
- Presented the solution at Hack'Xelerate hackathon held at KPR Institution.

Institution Project

Jetson Nano GPIO Control for AI-Assisted Vehicle Automation:
Developed during an SDV (Software Defined Vehicle) workshop using the Jetson Nano board.
Implemented GPIO-based control for automation in an AI-driven vehicle prototype.
Integrated object detection and real-time decision-making capabilities for autonomous responses.

Achievements & Workshps

Epoch'24: Attended Workshop in "KONGU ENGINEERING COLLEGE" in the topic of 'Ethical Hacking'.

Tech Event Organizer: Led and organized college-level coding contests, tech talks, and hackathons.

Interests

- Kabaddi and Cricket Watching and Playing
- Building AI-based tools and mobile apps
- Exploring Web Tech Stacks
- Attending Hackathons & Tech Meetups