

Dhanush G

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PROFESSIONAL SUMMARY

Motivated and enthusiastic fresher with hands-on experience in real-time IoT, robotics, and embedded systems projects. Quick learner with good interpersonal skills and strong problem-solving ability, eager to contribute effectively to organizational growth.

TECHNICAL SKILLS

- **Languages:** Embedded C, HTML, CSS, JavaScript, Java (Basics)
- **Databases:** MySQL
- **Cloud:** AWS (EC2), Firebase, ThingSpeak
- **Tools:** VS Code, Arduino IDE, Raspberry Pi

EDUCATION

B.Tech in Information Technology, I.F.E.T College of Engineering, Villupuram 2022–2025
CGPA: 7.6/10

Diploma in Computer Engineering, Vignesh Polytechnic College, Tiruvannamalai 2019–2022
Percentage: 84%

PROFESSIONAL EXPERIENCE

Junior Research & Product Developer, Praya Labs Oct 2024 – Mar 2025
Worked on product research and development involving IoT and robotic systems. Contributed to optimizing project requirements, enhancing prototype efficiency, and deploying cloud-enabled telemetry for real-time monitoring including a Mars Rover platform.

Web Development Intern, Cloud Logic Jan 2023
Gained practical exposure in responsive front-end development by utilizing HTML, CSS, and JavaScript to improve UI/UX design and performance for web applications.

ACADEMIC PROJECTS

- **Mars Rover Prototype:** Autonomous rover with GPS and IoT telemetry.
- **Night Patrol Bot:** Pi-based surveillance robot using OpenCV.
- **Smart Weather Monitor:** Multi-sensor IoT weather tracking.
- **AI Traffic System:** ESP32-CAM density-based signal control.

ACHIEVEMENTS & CERTIFICATIONS

- Winner – National Hackathon 2024 (IoT Rover Project)
- 1st Place – Project Expo 2024 (Smart Switch using IoT)
- AWS Cloud Foundations – Completed

EXTRACURRICULAR ACTIVITIES

- Conducted workshops on AI Prompt Engineering.
- Active participant in hackathons, coding events, and innovation programs.