

# Dhanush G

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## PROFESSIONAL SUMMARY

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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

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

## EDUCATION

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

2022–2025

**Diploma in Computer Engineering**, Vignesh Polytechnic College, Tiruvannamalai  
Percentage: 84%

2019–2022

## PROFESSIONAL EXPERIENCE

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**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

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- **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

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

## EXTRACURRICULAR ACTIVITIES

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