PRIYADHARSHINI V

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Linkedin | GitHub | Portfolio

SUMMARY

Aspiring Full-Stack Web Developer with hands-on experience in web development, IoT systems, and AI-driven solutions. Proven ability to build real-world projects through hackathons, freelancing, and leadership roles, with a strong foundation in problem-solving and collaborative development.

TECHNICAL SKILLS

- **Programming Languages:** C, Java, Python
- **Frontend:** HTML, CSS, JavaScript
- **Tools:** VS Code, GitHub, Canva
- **AI Tools:** Google AI Studio, Claude, Cursor, Copilot

EXPERIENCE

Freelance Web Developer | 2024 – Present

- Developed responsive websites for NGOs and businesses using HTML, CSS, JavaScript
- Delivered 3+ live websites with optimized performance and SEO
- Collaborated with clients to gather requirements and deploy solutions

1. Language Academy
2. NGO Website
3. Business Website

PROJECTS

1. **RedTacton-Based Human Body Communication System**

   College Mini Project | Hardware - 2025
   - Designed a secure human-body-based data transfer system using RedTacton principles.
   - Enabled short-range communication through human touch for secure data exchange.
   - Improved data safety and minimized electromagnetic interference.

2. **AI-Based Gamified Platform for Rural STEM Education**

   Smart India Hackathon Project - 2025
   - Built an AI-powered gamified learning platform to improve STEM education accessibility.
   - Integrated adaptive learning modules and interactive quizzes.
   - Focused on student engagement, retention, and digital inclusion.

3. **Smart Street Light Automation & Fault Detection System**

   IoT Project | Naan Mudhalvan & InGage Engineering Hackathon 2025
   4G Club hackathon Winner 2025
   - Developed an IoT-enabled smart street lighting system with automatic ON/OFF control.
   - Implemented real-time fault detection and alert mechanisms.
   - Reduced energy consumption and maintenance costs.

4. **Decentralized Health Wallet**

   GDG & SQ1 Hackathon Project - 2025
   - Designed a secure decentralized digital health record system.
   - Enabled patient-controlled access using blockchain concepts.
   - Improved data privacy, transparency, and portability.

EDUCATION

Bachelor of Engineering – Electronics and Communication Engineering
Mailam Engineering College
Passed Out: 2027
Cumulative GPA: 7.9 /10

COMPETITIONS & ACHIEVEMENTS

- **2024**: Anna University Idea Presentation – **1st Prize**
- **2025**: College Symposium – Web Development – **1st Prize**
- **2025**: 4G Club Hackathon – **3rd Prize**
- **2025**: Naan Mudhalvan Hackathon – Finalist
- **2025**: Smart India Hackathon (Internal) – Finalist
- **2026**: SQ1 Buildathon – Finalist

Participation Summary:

- 6 Hackathons
- 1 Buildathon
- 2 Project Expo
- 3 Paper Presentations

CERTIFICATIONS

- **Introduction to Internet of Things Certification –** NPTEL (72%)
- **The Joy of Computing using Python Certification –** NPTEL (62%)
- **Python Full Stack Internship –** Eduskills Foundation (Online)
- **Global IOT with Python Certification –** Ethinotech

LEADERSHIP & ACTIVITIES

- **Founder –** NICOWEZ (Web Development & Teaching Initiative)
- **Google Women Techmakers –** Member
- **Girls in Tech –** Community Member
- **Leo NGO Club –** Coordinator
- **SheBuilds –** Volunteer
- **NICSCOM 2.0 Symposium 2025 –** Event Coordinator

LANGUAGE

- **English** – Professional
- **Tamil** – Native