Nivashini Mariya

ECE Undergraduate | Passionate About Coding, Circuit Design, and Innovative Technology

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Profiles NivashiniMariya11

Nivashini Mariya

Summary

> *"Second-year Electronics and Communication Engineering student with a strong foundation in circuit design, Web Development, and programming. Passionate about applying engineering concepts to real-world technological challenges. Quick learner with excellent analytical and communication skills, with the ability to collaborate effectively in diverse teams. Currently seeking internship opportunities to contribute and grow in electronics, embedded systems, or software development."*

Experience

DigiSailor   February 2025 - March 2025
Web Developer - Intern   Tuticorin
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I've pursued a one-month internship programme at Digisailor in the domain Web Development.During my one-month internship at Digisailor, I've gained hands knowledge on developing responsive web pages, and implementing interactive features using HTML, CSS, JavaScript, and Bootstrap.I collaborated with a team of developers, learning about real-world project management, version control (Git) Additionally, It enhanced my understanding of full-stack development.

Education

Dr Sivanthi Aditanar College Of Engineering   August 2023 - Present
Electronics And Communication Engineering   Bachelor Of Engineering
8.3 GPA

I am currently pursuing a degree in Electronics and Communication Engineering (ECE), where I have developed a strong foundation in circuit design, embedded systems, signal processing, and communication networks.Alongside my core studies, I have a keen interest in software development, web technologies, and programming, allowing me to bridge the gap between hardware and software. My academic journey has equipped me with problem-solving skills, analytical thinking, and hands-on experience with real-world projects.

Star Matriculation Higher Secondary School   June 2021 - March 2022
BioMaths   Higher Secondary
90%

Completed higher secondary education with 90 percent in Biology-Mathematics stream, developing strong analytical and problem-solving skills.

Projects

Smart Waste Management System   September 2024 - November 2024
Developed a smart waste management system using sensors to monitor bin levels and optimize waste collection.

This project proposes a smart waste management system leveraging Internet of Things (IoT) technologies to detect waste overflow and notify authorities in real-time. The system integrates sensors for waste level monitoring, GPS for location tracking, and a cloud-based platform for data analysis and notification. The proposed system aims to optimize waste collection routes, reduce overflow incidents, and promote a cleaner environment.

My Portfolio Website   February 2025 - March 2025
Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript. Showcases skills, projects, and contact information in a clean and user-friendly interface.
 https://my-portfolio-62307.web.app/

Developed a personal portfolio website to showcase skills and projects.
Built using HTML, CSS, and JavaScript with responsive design.
Features sections for about, projects, skills, and contact.
Focused on clean layout and easy navigation.
Optimized for both desktop and mobile devices.
Hosted on GitHub Pages for easy access and sharing.

Co-Curricular & Extra-Curricular Activities

Silicic Innova Technologies Pvt Ltd   March 1, 2025
Tech Talk on VLSI Career Roadmap – "Become Employable in the Semiconductor Industry"

Participated in a Tech Talk on *"VLSI Career Roadmap – Become Employable in the Semiconductor Industry"*, gaining insights into career opportunities and required skills in the VLSI and semiconductor domain.

NEC Tech Fest   March 14, 2025
Paper Presentation

Participated in a paper presentation on *"Smart Waste Management System for Dustbin Overflow Detection and Notification"* at NEC Tech Fest, showcasing innovative solutions for efficient waste management.

NEC Tech Fest   March 14th and 15th, 2025
Placement Ready - Mastering Resume, Interview & Beyond!

Participated in *"Placement Ready – Mastering Resume, Interview & Beyond!"* workshop at NEC Tech Fest, gaining insights into resume building and interview preparation.

Inland Letter Writing Competition
Importance Of voting

Won 1st prize in the Inland Letter Writing Competition on the topic *"Importance of Voting"*, awarded by the Thoothukudi District Collector.

Udemy
C programming Course

Completed a C programming course on Udemy, gaining foundational knowledge in syntax, functions, and problem-solving.

Personality Traits

Perfectionist
Detail-oriented and perfectionist, ensuring tasks are completed with accuracy and high quality.

Punctual
Punctual and committed to timely completion of tasks.

Collaborative
Collaborative and team-oriented, valuing other's ideas and working well in group settings.

Hobbies

Listening to music

Reading fiction and short stories

Skills

Web Development
Built responsive websites using HTML, CSS, and JavaScript; deployed projects on GitHub.
● ● ● ● ●

C Programming
Familiar with basic C programming concepts like loops, functions, and arrays.
● ● ● ○ ○

Visual Studio Code
Developed a personal portfolio website using HTML, CSS, and JS in Visual Studio Code to showcase projects and skills.
● ● ● ● ●

GitHub
Familiar with GitHub for version control, project collaboration, Authentication and code hosting.
● ● ● ○ ○

Python Programming
Basic knowledge of Python for problem-solving and logic building.
● ● ● ● ○

Communication
Good verbal and written communication skills with the ability to convey ideas clearly and collaborate effectively in teams.
● ● ● ● ○

Attention To Detail
Careful and detail-oriented in all tasks.
● ● ● ● ●

Areas Of Interest

Embedded Systems

Web Development

Front-end Development

Software Development

Languages

English
● ● ● ● ○

Tamil
● ● ● ● ●