

# Purushothaman M

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## EDUCATION

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- **Bachelor of Technology in Electronics and Communication Engineering**

Vellore Institute Of Technology

June 2022 - June 2026

- **Higher Secondary Education**

The Velammal International School

2020 - 2022

- **High School Education**

Velammal Matric HR. SEC. School

2015 - 2020

## SKILLS

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- Front-End Development
- **Programming Languages:** Java, HTML5, CSS3 , JavaScript(Learning)
- **Frameworks:** Bootstrap, Tailwind(Learning)
- **Tools and Software:** VS Code, Github, Figma
- **Course Work:** Object-Oriented Programming (OOP),Data Structures and Algorithms, Problem Solving using Python

## PROJECTS

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- **Underwater drone for maritime security:**

**Technologies:** Arduino UNO, ESP32-CAM Module, TFT Display, Joystick Controllers.

- Developed a prototype underwater drone for enhancing maritime security measures.
- Designed the drone to perform surveillance and monitoring tasks in underwater environments, such as inspection of ships, underwater structures, and coastal areas.
- Integrated advanced sensors and imaging systems to capture high-quality images and data for analysis.

- **Website Homepage Recreations:**

**Programming Languages:** HTML, CSS, JavaScript

- Recreated the homepage designs of Zudio and Dior websites to practice front-end development.
- Demonstrated proficiency in HTML and CSS by recreating the design and layout of the original websites.

## CERTIFICATIONS

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- Certification in Web Development with CSS from UnSchool | Dec '19
  - Acquired comprehensive skills in web development with a focus on CSS, including responsive website building.
- Certification in JavaScript Essentials 1(JSE) from Cisco Networking Academy | May '10
- Certification in Git and Github from Simplilearn | August '19 - 2024

## ADDITIONAL

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- **Club and Chapters:** ACM STUDENT CHAPETR - Member, Creative Department 2023 - Present
  - Collaborate with the team members to produce engaging video content, posters, utilizing video editing software to enhance our club upcoming events to reach out the participants and for participants engagement in events.
- **Interests:** Photography, Listening to Music