

# Harinishree S

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## PROFILE

I am an enthusiastic and evolving Computer Science and Engineering student at VCET, Anna University, passionate about building impactful software solutions. I have developed skills in Java, HTML, CSS, and frontend development, and gained practical experience through my internship at Nurture Infotech, where I built a model web page. I also worked on projects such as footstep-based power generation using Arduino UNO, blending creativity with hands-on learning. Currently, I am strengthening my core development fundamentals and aiming to grow as a Software Developer who delivers unique and efficient solutions to real-world problems.

## EDUCATION

### VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY (AFFILIATED BY ANNA UNIVERSITY) 📄

Nov 2022 – Present  
Erode, Tamil Nadu, India.

**B.E. Computer Science and Engineering**  
CGPA: 8.21 (upto current semester)

### KARUNYA VIDYA BHAVAN MATRIC HR SEC SCHOOL 📄

Jun 2019 – May 2022  
Erode, Tamil Nadu, India.

**SSLC & HSC - Tamil Nadu State Board**  
Achieved a solid academic foundation.

## SKILLS

**Language:** Java | HTML,CSS,JavaScript(frontend)

**Database:** SQL,MySQL

**Visualization & Concepts:** Matplotlib | OOPs | Data Structures & Algorithm

**Platform & Tools:** GitHub | MS Word & MS PowerPoint | Canva | MS-Excel | Google Colab

## PROJECTS

### Step-by-Step Power Generation System 📄

Jan 2025 – Mar 2025

- Designed a smart footstep-based energy harvesting system using Arduino UNO with real-time voltage display.
- Role:** Tested and analyzed output, handled documentation and presentation.
- Highlight:** Showcased the project by presenting a technical paper at an **International Conference**, focusing on sustainable and smart energy solutions.
- Learned:** Embedded basics, project reporting, teamwork.

### 🎓 Smart Grade Calculator 📄

Aug 2025

(Personal Project – Web Development)

- Built a fast and responsive web app using HTML, CSS, and JavaScript to calculate SGPA & CGPA instantly. Designed a lightweight interface for both desktop and mobile.
- Learned:** DOM manipulation, form handling, responsive design, and real-time browser calculations.

## CERTIFICATES

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### Infosys Springboard

#### *Industry-Relevant Courses*

- Successfully completed certified courses covering practical tech tools and development practices.
- Plan to apply these skills in collaborative software projects and real-time applications.

### Spoken Tutorial, IIT Bombay

#### *Java Programming*

- Learned core Java concepts like OOPs and file handling.
- Will apply in backend projects and coding interviews.

### NPTEL

#### *Industrial Internet of Things (IIoT)*

- Learned automation systems, smart manufacturing, and sensor networks.
- Plan to apply this in mini projects involving hardware and real-time monitoring.

#### *Internet of Things (IoT)*

- Gained knowledge of IoT architecture, protocols, and real-world use cases.
- Aim to build basic IoT tools and explore smart device integration.

## PROFESSIONAL EXPERIENCE

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### Nurture Infotech – Erode, Tamil Nadu (Hybrid),

Dec 2024

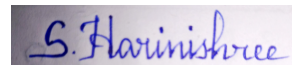
#### Web Development Intern

- Designed and developed responsive user interfaces using HTML, CSS, and JavaScript.
- Collaborated with senior developers to enhance website performance and UI/UX.
- Gained hands-on experience in frontend debugging, hosting, and Git-based version control.
- Delivered a functional web project within deadlines, integrating client feedback effectively.
- Completed an internship focused on real-time web projects using *frontend technologies*.

## DECLARATION

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I hereby declare that the information given above is true and correct to the best of my knowledge and belief.



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**S.Harinishree**