Harinishree S

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Profile

I am an enthusiastic & evolving Computer Science and Engineering student at VCET, Anna University, passionate about building impactful software solutions.I've developed skills in Java, HTML, and frontend development, and gained hands-on experience through my internship at Nurture Infotech, where I built a model web page.I also worked on a project like footstep-based power generation using Arduino UNO, blending creativity with practical learning.Currently, I'm sharpening my core development skills, aiming to become 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
B.E. Computer Science and Engineering
   CGPA: 8.21 (upto current semester)

SSLC & HSC - Tamil Nadu State Board   Jun 2019 – May 2022
   Achieved a solid academic foundation.

Skills

Language
- Java
- HTML,CSS,JavaScript(frontend)

Platform & Tools
- Github
- Word & Power Point
- MS-Excel

Visualization & Concepts
- Matplotlib
- OOPS
- Data Structures & Algorithm

Database
- MySql

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.

Certificates

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

Web Development Intern ⬀   Dec 2024
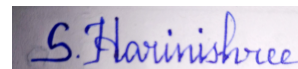
NURTURE INFOTECH

Nurture Infotech – Remote | October to December 2024.

- Designed and developed responsive user interfaces using HTML, CSS, and JavaScript.
- Collaborated with senior developers to improve website performance and UI/UX.
- Gained hands-on experience in frontend debugging, hosting, and version control using Git.
- Delivered a complete web project under tight deadlines with client feedback integration.
- Completed a web development internship focused on building real-time projects using *frontend technologies.*

Declaration

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

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