HARIHARAN B

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CAREER OBJECTIVE

Driven and future-focused Electronics and Communication Engineering student with hands-on exposure to VLSI design, SoC systems, and intelligent automation. Eager to contribute to innovative tech solutions by integrating strong foundations in Python, AI, and embedded systems with real-world problem-solving. Seeking opportunities in a dynamic organization where I can apply my technical knowledge, expand my skills in next-gen electronics and design, and grow as a versatile engineer shaping tomorrow's technology.

EDUCATION

SRM Institute of Science and Technology, Vadapalani   **2022-2026**

- B.Tech , Electronics and Communication Engineering
- CGPA: 8.95

Victory Matric Hr Sec School   **2021-2022**

- HSC%-83.67%

Victory Matric Hr Sec School   **2019-2020**

- SSLC%-90.60%

SKILLS

Technical Skills
- Programming: VerilogHDL, Python
- Hardware Design: Arduino, PCB Design (EasyEDA)
- Simulation: Silvaco
- Protectivity Tools: MS Word, MS Excel, Canva
- AI, Data Management, VLSI, UI/UX Design

Soft Skills
- Time Management
- Communication Skills
- Problem Solving

PROJECTS

Design and Investigation of TFET for Analog/RF Applications - Link

- Simulated and analyzed TFET performance for low-power VLSI applications.

Automatic Hydro Management for Optimal Plant Care - Link

- Built an Arduino-based system that automates irrigation using soil moisture sensors.

Light Tracking Robot - Link

- Developed a light-tracking robot that uses sensors to detect and follow light sources.

EXPERIENCE

Peeyesyem Hyundai - [Link](#)   **May 2024-Jun 2024**

- A service internship in a car company focusing on sensors involves learning about their role in vehicle systems, diagnosing issues, and calibrating them for optimal performance. It provides hands-on experience with automotive technologies, enhancing skills in diagnostics and sensor integration.

CERTIFICATIONS

1. **NPTEL: Python for Data Science -** [Link](#)
   Credential ID: IIT - NPTEL24CS68S233103853

2. **Great Learning: Introduction to AI -** [Link](#)

3. **Hackerrank: Python (Basic) -** [Link](#)
   Credential ID: 895CD2A47610

4. **TCS iON: Master Data Management for Beginners -** [Link](#)
   Credential ID: 71279-27742525-1016

5. **Goldmans Sachs: Software Engineering Job Simulation-** [Link](#)

6. **Genesis'24: Paper Presentation-** [Link](#)

7. **IBM: Python for Data Science, AI & Development -** [Link](#)
   Credential ID: B84HGQWSZRH2

WORKSHOPS

1. **One-day handson Workshop on Introduction to Python for Machine Learning-** [Link](#)

2. **Workshop on Igniting VLSI Aspirations: Career Pathways-** [Link](#)

3. **Workshop on UI/UX Design by EXADATA-** [Link](#)

CO-CURRICULAR

SRM Institute of Science and Technology - Abhigyan'24

- Event Organizer for Paper Presentation at SRM Institute of Science and Technology's Abhigyan '24. Coordinated event logistics, including setup, scheduling, and ensuring smooth flow of the event.

Volunteering

- Volunteered with the Anbu Suzh Ulagu Foundation to support community development activities, including organizing and engaging in outreach programs to help impoverished groups and promote social welfare.

LANGUAGES KNOWN

- English (Professional Working Proficiency)
- Tamil (Native Proficiency)
- Japanese (Fundamental Proficiency)