HARINI MOORTHY

B.E-Electronics & Communication Engineering

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ABOUT ME

Highly motivated Electronics and Communications Engineering student with a strong programming foundation in JAVA and web development. Passionate in Editing , Designing with excellent communication and problem-solving skills

EDUCATION

SONA COLLEGE OF TECHNOLOGY   *PRESENT*
CGPA : 7.57 *(PRESENT)*

12TH ROYAL PARK MATRICULATION HSC SCHOOL(STATE BOARD)   **2022**
PERCENTAGE : 70%

10TH ROYAL PARK MATRICULATION HSC SCHOOL(STATE BOARD)   **2020**
PERCENTAGE : 94%

SKILL

- UI/UX Design
- Web development
- Java
- Internet of Things (IOT)

PROJECTS

TOXISCAN   **2025**

ToxiScan is a portable system that detects chemicals in textile wastewater using sensors for pH, TDS, turbidity, conductivity, ammonia, and dyes.
 It processes data with a microcontroller and sends it via IoT for remote monitoring and alerts

SMART-AGRO GREENHOUSE   **2026**

 The cloud-based IoT platform for greenhouse crops enables real-time and historical data access via RESTful services. It provides forecasting using Greenhouse Models as a Service (GMaaS) for climate, crop, and irrigation processes. Users can register IoT devices and interact through a web application, offering a scalable cloud solution.

UIUX PROJECTS   **2023-2026**

This UI/UX portfolio includes designs for a food ordering app, watch app, email advertisements, signup pages, ticket booking, and digital menu cards, focusing on intuitive navigation and user engagement. It emphasize clear visuals, interactive elements, and seamless user experience across different platforms.Each design aims to simplify tasks, enhance usability, and provide aesthetically appealing interfaces for better customer interaction.

TOOLS AND TECHNOLOGIES

- Wireframing (figma)
- Frontend
- Prototyping (figma)
- GitHub
- Visual Studio Code
- Canva

EXTRA CURRICULAR ACTIVITIES IN SONA COLLEGE OF TECHNOLOGY

- Electroblitz Volunteer   **2023**
- Speakersforum Participant   **2024**
- Kriva's Volunteer   **2024**
- Fractals & I'venor Organizer   **2024**
- Sonata Organizer   **2024**
- Electroblitz Organizer   **2024**
- Photography Event Organizer   **2024**

CERTIFICATION & WORKSHOP

- Internet Of Things (IOT) - Conducted by KRISHTEC
- Printed Circuit Board (PCB) Design – Hands-on experience at Sunshiv Electronic Solution   **2023**
- UI/UX Design & Assessment - Learntube   **2023**
- Cloud Computing – Certified by NPTEL   **2024**
- Aptitude Marathon – Preliminary Round Participant   **2024**
- Full Stack Web Development – Course Completion Certificate from Cursa   **2025**
- UI/UX Design & Assessment – Internship at Codesoft   **2025**
- Sona Library Best User – Sona College   **2025**
- Sona Techathon – An Interdisciplinary Engineering Hackathon   **2025**

2025