

# 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
- Java
- Web development
- 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 emphasizes 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

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

## EXTRA CURRICULAR ACTIVITIES IN SONA COLLEGE OF TECHNOLOGY

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- 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

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- Internet Of Things (IOT) - Conducted by KRISHTEC 2023
- Printed Circuit Board (PCB) Design – Hands-on experience at Sunshiv Electronic Solution 2023
- UI/UX Design & Assessment – Learntube 2024
- Cloud Computing – Certified by NPTEL 2024
- Aptitude Marathon – Preliminary Round Participant 2025
- 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