

Monisha K

Aspiring Full Stack Developer

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LinkedIn | GitHub | Portfolio

ABOUT ME

Highly motivated and results-oriented learner with a strong academic background and foundational expertise in **HTML**, **CSS**, and **JavaScript**. Proven ability to build and deploy responsive, user-focused applications. Currently developing skills in high-demand frameworks including **React**, **Node.js**, and **TypeScript** to transition into a Full Stack Developer role. Possesses strong problem-solving skills demonstrated through successful project delivery.

EDUCATION

Malnad College of Engineering

Graduation: 2027

B.E. in Computer Science and Engineering (CSE)

CGPA: 9.65

HKS PU College Placeholder

Hassan, Karnataka

Pre-University College (PCMB)

Percentage: 96%

TECHNICAL SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, C, Java, Python (Basics)
- **Frameworks & Libraries (In Progress):** React, Node.js, Tailwind CSS, TypeScript
- **Databases & Concepts:** DBMS Basics, MySQL, OOP Concepts
- **Tools & Platforms:** Git, GitHub, VS Code, Figma, Canva, Postman, Arduino

PROJECTS

Smart Healthcare Appointment Scheduling Website

Key Technologies: HTML, CSS, JavaScript, MySQL

- Designed and deployed a responsive web interface to **streamline doctor-patient interactions**, resulting in reduced manual booking time.
- Implemented logic for **optimized time slot allocation and real-time availability** to significantly improve scheduling efficiency.
- Created an intuitive booking interface, enhancing the overall user experience and application accessibility.

My Portfolio - Web Developer Showcase

Key Technologies: HTML, CSS, JavaScript

- Developed a fully responsive, multi-page portfolio site, ensuring optimal viewing and navigation across all devices.
- Implemented interactive features, including a **Dark/Light Theme Toggle**, to enhance accessibility and user personalization.
- Employed custom CSS animations and card layouts to professionally present technical skills and three distinct projects.

Arduino-Powered Smoke Monitoring and Alert System

Key Technologies: Arduino, IoT, Network Connectivity

- Engineered an **IoT-enabled smoke detection system** utilizing the Arduino microcontroller for reliable environmental monitoring.
- Programmed the system to **send remote alerts via network connectivity**, enabling instant notification and minimizing potential hazard response time.
- Designed the system architecture to support continuous, real-time data monitoring and fault detection.

CERTIFICATIONS & ACHIEVEMENTS

- ****National Level Ideathon:**** Recognized for innovative solutions and creative problem-solving in a national competition.
 - ****Idea Harvest'24 - AURA 3.0:**** Successfully participated in and presented a technical project idea.
 - ****NPTEL Certification:**** Completed certification in Discrete Mathematics with 87 percentage
 - ****Scratch Certifications:**** Received Certificates of Participation and Appreciation for early programming aptitude.
 - Achieved many more certificate of achievements including various workshops and technical training programs.
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LANGUAGE

Kannada (Native) | **English** (Professional Working Proficiency)