

# AYUSH SHARMA

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## Overview

Aspiring Front-End Developer with a strong passion for crafting responsive and interactive web applications. Proficient in React, JavaScript, HTML, CSS, and modern web development practices. Hands-on experience with building dynamic user interfaces, component-based architecture, and single-page applications. Also familiar with C++, Python, and data structures, bringing problem-solving capabilities to frontend development.

## Education

### Ramaiah Institute of Technology

*Bachelor of Engineering in Electronics and Telecommunication Engineering*

2021 – 2025

Bengaluru

### St. Michael's High School

*Class XII - 93 percent*

2020

Patna

### Open Minds A Birla School

*Class X - 96 percent*

2018

Patna

## Relevant Coursework

- Web Development with React
- JavaScript ES6+
- Data Structures and Algorithms
- Responsive Web Design
- Object-Oriented Programming
- Front-End Frameworks
- Git Version Control
- RESTful APIs

## Work Experience

### Internpe

Sept 2023 – Oct 2023

*Front-End Developer Intern*

*Remote*

- Developed and deployed responsive front-end applications using HTML, CSS, and JavaScript.
- Collaborated with designers to translate UI/UX wireframes into functional components.
- Gained hands-on experience in debugging, responsive design, and component reusability.

## Projects

### Quiz Master – Interactive Quiz Web App | *React, Tailwind CSS, HTML, CSS, JavaScript*

[Quiz-Master](#)

- Built a single-page application using **React** with dynamic rendering based on user interactions.
- Implemented features such as answer validation, score calculation, state management, and animated transitions.
- Applied responsive design principles using **Tailwind CSS** to ensure seamless experience across devices.
- Deployed the app on Vercel, demonstrating understanding of modern deployment workflows.

### Personal Portfolio Website | *HTML, CSS, JavaScript*

- Designed and built a responsive portfolio site to showcase projects and technical skills.
- Included smooth scrolling, navigation highlights, and interactive buttons for resume and GitHub.
- Focused on intuitive UI/UX design and modular HTML/CSS architecture for easy updates.

### Radar-Based Driver Monitoring System | *Texas Instruments AWR6843 Radar*

- Collaborated on a lab project using **TI AWR6843 radar** to track driver bio-vitals like heart and respiratory rates.
- Developed real-time data collection pipeline and analysis module for health risk detection.
- Demonstrated cross-domain integration of embedded sensing and software processing.

## Technical Skills

**Languages:** C++, Python, C, HTML/CSS, JavaScript, SQL, React

**Developer Tools:** VS Code, MATLAB Simulink,

**Technologies/Frameworks:** Linux, GitHub

## Certifications and Achievements

- Web Development – Frontend Development, Backend Development, Database and Deployment [Certificate](#)
- Solved more than 100 coding problems on various platforms including **leetcode**, **geeksforgeeks**, **Coding Ninjas**