

# M. Swetha

Full Stack Developer

As a **passionate** and **self-motivated Full Stack Developer**, I am seeking an **entry-level opportunity** where I can apply my knowledge of **front-end** and **back-end technologies** to build **scalable** and **user-friendly** web applications. Eager to contribute to **innovative projects**, enhance my skills through **real-world challenges**, and grow with a **forward-thinking organization**. With a strong foundation in **HTML, CSS, JavaScript, React**, and the **MERN stack**, I aim to deliver value through **problem-solving, collaboration**, and **continuous learning** while aligning with the company's **technical goals** and **vision**.

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📍 Chennai, India

## PROJECTS

### Online Doctor Appointment System

- Designed and deployed a full-stack **Doctor Appointment System** using **React, Node.js, Express**, and **MongoDB**, delivering **seamless UI, RESTful API integration**, and ensuring **responsive, efficient user experience** across multiple platforms.
- Implemented secure **user authentication, role-based access, appointment booking**, and **admin dashboard**, enhancing **data integrity, system scalability**, and improving overall **user engagement** and **backend functionality** in real-time operations.

### Random Color Display

- Developed an interactive **JavaScript feature** that dynamically generated random colors, enhancing the **visual appeal** of web interfaces and promoting an engaging **user experience** through responsive design and real-time interaction.
- Optimized user engagement by integrating **event-driven logic** and dynamic rendering techniques, showcasing **front-end development** skills, creativity in **UI design**, and effective use of **JavaScript DOM manipulation** to increase interactivity and usability.

### Responsive Landing Page

- Designed and developed a responsive **landing page** using **HTML, CSS**, and **Bootstrap**, ensuring cross-browser compatibility, intuitive layout, and visually appealing design aligned with **modern UI/UX standards** for improved **user interaction**.
- Enhanced performance by implementing **mobile-first design principles**, reducing load time, and optimizing layout for various devices, which improved **site speed, SEO ranking**, and contributed to **higher user retention** and engagement metrics.

### Form Validation (React + Vite)

- Engineered a comprehensive **form validation module** using **React** and **Vite**, enabling real-time user input checks, improving **data accuracy**, and enhancing the overall **front-end reliability** of the application across platforms.
- Optimized user experience by integrating **client-side validation logic**, reducing input errors, ensuring **data integrity**, and increasing **form submission efficiency**, contributing to a seamless, responsive, and secure **user interaction workflow**.

### MERN Stack User Management App

- Developed a full-stack **CRUD application** using **MERN Stack** to efficiently manage user data, incorporating modular architecture, interactive UI, and real-time data operations for enhanced **functionality, performance**, and **scalability**.
- Designed and integrated secure **RESTful APIs** to support full-stack features including **data retrieval, update, and deletion**, improving **system efficiency**, ensuring **data consistency**, and demonstrating strong **backend development** and **API integration** skills.

## EDUCATION

### B.E. Computer Science Engineering

Indira Engineering & Technology College, Anna University

2022 - 2025

### Diploma in Computer Science

Jaya Polytechnic College, Chennai

2016 - 2019

## CERTIFICATES

### Web Development Certification

Recognized for proficiency in MERN Stack

### React & JavaScript Training

Specialized in React.js, Vite, and front-end development

## SKILLS

Effective Communication

Team Collaboration

Critical Thinking

Time Management

Adaptability

Conflict Resolution

Decision Making

Attention to Detail

Leadership Potential

Client Interaction

Goal Orientation

Organizational Skills

## TECHNICAL SKILLS

### Frontend Development:

HTML, CSS, JavaScript, Bootstrap, React, Vite

### Backend Development:

MERN Stack (MongoDB, Express.js, React.js, Node.js)

### Tools & Frameworks:

Git, Bootstrap

## LANGUAGES

English

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Tamil

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Hindi

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