

MADHUBALAN S

FRONTEND DEVELOPER

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SUMMARY

Front-End Developer with 3 years of experience building scalable, high-performance web applications using React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Redux, Tailwind CSS, and Bootstrap. Skilled in transforming UI/UX designs into accessible, responsive, and reusable interfaces, with a focus on component-based architecture, performance optimization, RESTful API integration, and clean, maintainable code.

PROFESSIONAL EXPERIENCE

Swithin & Sherwin Pvt Ltd – *UI/UX Developer*

September 2023 – Present

- Engineered UI for 3 cross-platform apps in Flutter, delivering 25+ responsive screens for Android, iOS, and web.
- Designed scalable UI architecture with clean code principles and Provider state management, improving code reusability and reducing development time by 40%.
- Developed a real-time clothing personalization feature in HTML and JavaScript, boosting demo-to-purchase conversions by 45%.

DocEngage Informative Pvt Ltd – *Software Developer*

July 2022 – September 2023

- Delivered UI/UX design for 7 core healthcare modules, ensuring responsiveness and design consistency across the platform.
- Implemented 5+ major usability features, increasing task completion efficiency by 30%.
- Resolved 1,000+ bugs and tickets, enhancing system stability and reducing user-reported issues by 80%.

TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript

Frameworks & Libraries: React.js, Redux, Tailwind CSS, Bootstrap, Flutter

Cloud: Firebase

Design Tools: Figma

Version Control: Git, GitHub, Bitbucket

EDUCATION

- Bachelor of Engineering (B.E)** – Mechanical Engineering – 2018-2022 with an 8.4 CGPA from Bannari Amman Institute of Technology, Erode, Tamil Nadu.

PROJECTS

Project #1: UI Transformation in DocEngage Application

Role: Software Developer | **Domain:** Healthcare | **Technologies:** HTML5, CSS3, Bootstrap, JavaScript (ES6+), SQL

- Revamped UI for 7 modules, boosting clarity and cutting user interaction time by 25%.
- Integrated advanced features (search, filters, pagination) to improve data access for 1,000+ users.
- Managed Bitbucket source control, ensuring clean commits and code reviews.
- Deployed builds via AWS Elastic Beanstalk, increasing uptime and reducing deployment errors by 30%.
- Documented requirements and guides, reducing developer onboarding time by 40%.

Project #2: Cross-Platform E-Commerce Application – Sherwin

Role: Front End Developer | **Domain:** E-Commerce | **Technologies:** Flutter, Dart, HTML5, CSS3, JavaScript (ES6+)

- Built and launched complete UI/UX for web and mobile with 25+ interactive screens (Home, Category, Product Detail, Cart, Checkout).
- Engineered a real-time clothing customization feature using HTML and JavaScript, boosting user engagement by 45%.
- Aligned UI with business goals in cross-functional teams, reducing design cycles by 20%.
- Performed UI validation and manual testing on 5+ Android devices, ensuring responsive and visually consistent layouts.

Project #3: Farm Tracker

Role: React Developer | **Domain:** AgriTech | **Technologies:** HTML5, CSS, JavaScript (ES6+), React.js, Firebase

- Developed the complete frontend using React.js with intuitive navigation, structured forms, and 10+ responsive screens.
- Utilized Firebase for real-time database and user authentication, minimizing data loss issues by 80%.
- Applied advanced data filtering and conditional displays, enhancing usability for 30+ users.
- Integrated voice-enabled data input, reducing form complexity and enabling 20% faster data logging.

CERTIFICATIONS

- React Developer Certification – Uniq Technologies
- Python Programming Certification – Besant Technologies
- Web Development – Completed training in HTML5, CSS3 & JavaScript (ES6+)

ADDITIONAL INFORMATION

Date of Birth	- 29 November 1999
Languages	- English, Tamil
Address	- Gobinathapuram, Omalur, Salem, Tamil Nadu - 636305.