

# MADHUBALAN S

FRONTEND DEVELOPER

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## OBJECTIVE

I am an enthusiastic, motivated, reliable, responsible, and hard worker. I am a good team player and can adapt to any challenging situation. Looking for opportunities that allow Self-Growth and Benefits to the associated Organization.

## WORK EXPERIENCE

Sep 2023 - Present

Swithin & Sherwin Pvt Ltd

UI/UX Developer

- Designed and implemented UI/UX layouts for three cross-platform applications.
- Acquired a strong understanding of Flutter architecture and state management concepts to build scalable and maintainable application structures.
- Actively collaborated with teams to analyse requirements and propose efficient UI designs, ensuring alignment with project goals.

Jul 2022 - Sep 2023

DocEngage Informative Private Limited

Software Developer

- Implemented the UI/UX design for seven different modules.
- Added new features to the DocEngage application to make it more user-friendly.
- Worked on open tickets and fixed more than 2,000+ bugs.
- Managed test conditions and test cases and applied them in a practical environment.
- Worked closely with clients to establish problem specifications.

## TECHNICAL PROFICIENCY

Languages & Frameworks : React, JavaScript, HTML, CSS, Tailwind, Bootstrap, Flutter.  
Design Tools : Figma  
Backend & Cloud Service : Firebase, Mysql(basic)  
Version Control tools : Bitbucket, GitHub, Sourcetree  
Code Editing tools : Android Studio, VS code, Pycharm  
Project Management tools : Jira

## EDUCATION

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

### **Project #1 : UI Transformation in DocEngage Application**

**Role** : Software Developer

**Domain** : Healthcare

**Tools used** : Sourcetree, Bitbucket, Pgadmin 4, VS code, Jira

#### **Description :**

DocEngage is a web-based application designed for the healthcare industry. Its main purpose is to streamline and automate the management of patient records, activities, and reports in hospitals and clinics. In addition, it includes CRM software that allows for the efficient management of lead records within a single application.

#### **Role & Responsibility:**

- Implemented the UI/UX design for seven different modules such as designing the layout, color scheme, and functionality of each module to ensure that they are user-friendly.
- The following languages - HTML, CSS, jQuery, JavaScript, and SQL - were used to build the features of the DocEngage app.
- Implementation of the advanced search bar, pagination, filter, and page navigation within multiple modules.
- Using Bit Bucket to maintain the source code and Source Tree to commit the code.
- Deploy the developed codes into the AWS cloud platform, especially on Elastic Beanstalk.
- Optimize the application for maximum speed and scalability.
- Assure that all user input is validated before submitting to the back-end.
- Conduct thorough testing of user interfaces in multiple platforms to ensure all designs render correctly and systems function properly.
- Get feedback from, and build solutions for users and customers.
- Write functional requirement documents and guides.

### **Project #2 : UI / UX design for E-Commerce Application**

**Role** : UI/UX Developer

**Domain** : E-Commerce

**Tools used** : Android Studio

#### **Description :**

Sherwin is a Mobile application designed for E-Commerce platforms, where you can buy clothes, accessories, fabrics & etc.., The main purpose of the application where you can customize your clothes according to your wish and purchase.

#### **Role & Responsibility:**

- Implemented the UI/UX design layout and created a screen for an entire application.
- Implemented a New Customization feature for an application.

**Project #3** : **Farm Tracker**  
**Role** : Front-End Developer  
**Domain** : Agriculture / Farm Management  
**Tools used** : React, Firebase, Visual Studio Code  
**Description** :

A web application built for farmers who cultivate land on behalf of others. The app allows them to track and manage farming records such as time, equipment, payment mode, and ownership.

**Role & Responsibility:**

- Designed and developed the entire frontend of the application using React, including form structures, navigation, and layout.
- Integrated Firebase for real-time database management and user authentication.
- Created a responsive and clean UI using standard CSS to ensure accessibility across all devices.
- Developed a custom form to log detailed farming activities like cultivator used, working hours, payment mode, and ownership details.
- Implemented data filtering and display so users can view records individually or based on selected criteria.
- Ensured a smooth user experience with organized data presentation, making farm tracking and management efficient and user-friendly.

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## CERTIFICATION

- React Certification – Successfully completed at UniqTechnologies.
- Python Certification – Earned from Besant Technologies.
- Web Development Certification – Completed in-depth courses in HTML & CSS.

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## PERSONAL DOSSIER

- Date Of Birth : 29th Nov 1999
- Passport Number : U2732872
- Languages known : English, Tamil
- Address : Gobinathapuram, Sakkarichettipatti, Omalur TK, Salem - 636305.

I hereby declare that all the information mentioned above is true to the best of my knowledge.

**Place** : Bangalore

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