

Parthiban P

UI/UX Designer & Front-End Developer

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Executive Summary

UI/UX Designer & Front-End Developer with **4+ years of experience** in designing and developing web and mobile applications across product-based and service-based solutions. Passionate about user-centred design, including **usability testing, wireframing, prototyping, and user research**. Proficient in **Figma, Adobe XD, HTML5, CSS3, Sass, Bootstrap, JavaScript, and jQuery**, ensuring seamless and responsive designs. Experienced in collaborating with stakeholders, developers, and cross-functional teams to align design strategies with business goals.

Core Skills

UI/UX Design: User Research, Wireframing, Advanced Prototyping, Usability Testing, Interaction Design.

Design Tools: Figma, Adobe XD, Photoshop, Illustrator, Framer

Front-End Technologies: HTML, CSS, Sass, Bootstrap, JavaScript, jQuery, AngularJS

Development Tools: Visual Studio, Git, VS Code, Eclipse, Chrome DevTools

Methodologies: Agile, Design Thinking, User-Centred Design (UCD)

Collaboration: Cross-functional Teamwork, Client Communication, Project Management

Work Experience

UI/UX Designer & Front-End Developer

Sardonyx Technologies Private Limited, Thanjavur | Jan 2021 – Present

- Designed and developed web and mobile applications, ensuring usability, accessibility, and a seamless user experience.
- Created wireframes, prototypes, and high-fidelity UI designs using Figma and Adobe XD.
- Collaborated with stakeholders and clients to gather requirements and refine design solutions.
- Conducted user research and usability testing to enhance product effectiveness.
- Translated UI/UX designs into responsive and interactive web applications using HTML5, CSS3, Sass, Bootstrap, JavaScript, and jQuery, ensuring seamless user experience and performance.
- Worked with backend developers to integrate APIs and optimize performance.
- Built responsive, scalable UI components and established design systems for consistency.

Additional Experience

Quality Inspector

Lakshmi Life Sciences Private Limited, Coimbatore | 2018 – 2019

- Inspected mechanical components to ensure compliance with quality standards.
 - Used precision measurement tools to assess accuracy and reliability.
 - Documented findings and collaborated with teams to improve processes.
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Projects

Relevant Projects

Queue Management System (QMS)

A self-service queue management system designed for banks, hospitals, and government offices to optimize customer flow and reduce wait times.

- Designed UI/UX screens for the kiosk application and developed the admin web application to configure the Android ticketing kiosk, queue status display, and counter display.
- Built an intuitive interface using HTML, CSS, Sass, Bootstrap, JavaScript, and jQuery to enhance user experience and efficiency.

Visitor Digital Log Book (VDLB)

A digital visitor management system that enhances security and streamlines check-ins for corporate offices, hotels, and residential complexes.

- Designed UI/UX screens for the visitor entry kiosk and developed the admin web application to configure visitor management settings.
- Created a web-based visitor entry module for receptionists to handle registrations, approvals, and real-time monitoring.

Smart Guard

A mobile security management system used by security guards in UAE commercial buildings and complexes to receive alerts, report incidents, and manage daily patrol activities.

- Designed UI/UX screens for the mobile application and followed the complete UX process, including user research, wireframing, prototyping, and usability testing.

Jafeer System (UAE Government Project)

A UAE government web application used by Dubai Police and patrol teams to retrieve real-time vehicle log details from sources like Salik toll system, RTA and Dubai Police.

- Designed UI/UX screens and a complete advanced prototype to present vehicle data in a structured format and developed the front-end of the web application as part of a team, ensuring a structured and responsive data presentation.

CBD Mobile Access (Banking Access Control App)

A secure mobile access control application designed for banking professionals in Dubai, integrating biometric authentication and role-based access control.

- Designed UI/UX screens for the mobile application, ensuring a seamless and secure user experience.
- Followed the complete UX process, including user research, wireframing, prototyping, and usability testing.

Tenant App (Product-Based Application)

A tenant management mobile application that provides a secure environment by preventing unauthorized vehicle access and ensuring safety.

- Designed UI/UX screens for the mobile application and created a complete advanced prototype flow.
- Enabled remote vehicle access management, allowing users to control access from anywhere, at any time.

SIRA Inspection (*Dubai Government Project*)

A Dubai government mobile application that enables inspectors to inspect SSP (Security Service Providers) and SSU (Security System Users) based on schedules.

- Designed UI/UX screens for the auditing inspection checklist, ensuring an intuitive and structured inspection process.
- Created an interface for SIRA ID verification, scheduled inspections, and issuing fines or warnings.

Other Projects

Feedback Management System (FMS) – A kiosk-based feedback collection system that allows businesses to gather customer insights. Designed UI/UX screens and developed the admin web application for feedback configuration and reporting.

Cloud Service Desk – A cloud-based IT service management system for ticket management and service request handling. Designed UI/UX screens and developed the responsive front-end for the web application to ensure seamless cross-device usability.

Alarm Control Panel – A real-time security monitoring system that enables instant security alerts and emergency response coordination. Designed UI/UX screens for better usability.

Personal Project

Smart Building Dashboard (*Web Application*)

A web-based smart building management system that enables real-time monitoring and control of lighting, temperature, security, and automation features.

- Designed the UI/UX using Figma and developed the application using HTML, CSS, and AngularJS as a learning project, not for live use.
- **Live Demo:** smartbuilding-dash.netlify.app, **Figma Prototype:** [Smart Dashboard Prototype](#)

Education

Bachelor of Engineering (B.E.) - Mechanical Engineering

SNS College of Engineering, Coimbatore, Anna University | 2014 - 2018

Certifications

- Design Thinking for Beginners – **Simplilearn**.
 **Certificate:** [View Certification](#)
- Master Digital Product Design: UX Research & UI Design – **Udemy**.
 **Certificate:** [View Certification](#)

Languages

- **English** (*Fluent*), **Tamil** (*Fluent*)

Additional Information

- Open to relocation for exciting opportunities.
- Passionate about UI/UX innovation and emerging front-end technologies.