

SARAVANAN R

Flutter Developer

A results-driven **Flutter Developer** with over **2.5 years** of hands-on experience in designing and developing cross-platform applications using **Flutter** for **Android, iOS, and Desktop**. Proficient in building responsive **web applications** with **React.js** and developing scalable backend APIs using **Node.js** and **.NET Web API**. Skilled in state management (**GetX, Riverpod, Redux, Bloc**), database integration, and RESTful API development, ensuring seamless communication between mobile, web, and server components. Passionate about delivering high-performance, user-centric, and maintainable solutions across **mobile, web, and desktop** platforms.



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[SaravananPortfolio](#)



[SaravananLinkedin.com](#)

Skills

Programming Languages: C , Java , Dart, JavaScript, TypeScript , HTML5, CSS, SQL (MySQL, Microsoft SqlServer,),MongoDB .

Frameworks & Libraries: Flutter ,Figma, React.js, Node.js, Express.js, Nest js , Angular, Asp.Net Web Api ,Bootstrap ,Docker, CI&CD pipelines (basic) ,Tailwind CSS (basic).

APIs & Tools: RESTful APIs, Postman, Swagger,

Security: JWT, OAuth2, Authguard,

Development Tools & IDEs: Eclipse, Andriod studio, Xcode, Visual Studio Code, Visual studio,

State management: Getx , Provider ,Riverpod ,Bloc(cubit) ,Redux(basic) , context Api .

Code Structure: MVVM ,MVC

Operating Systems & Platforms: Windows, Linux(basic)

Version Control: Git, Gitub, Github Action , Azure

Other Tools & Skills: Microsoft Excel, PowerPoint

Experience

Software Engineer

2025- Current

ClazyWorks Pvt.

Chennai.

- Developed and maintained cross-platform applications using **Flutter** and **React.js** for **Android, iOS, Web, and Desktop**, ensuring smooth **UI/UX** and high performance
- Integrated **Razorpay** payment gateway, **Firebase** services (**Push Notifications, Crashlytics, Analytics**), and **Google Maps** APIs for real-time location **tracking** and route optimization.
- Implemented offline-first data handling using **SQLite, ObjectBox, SharedPreferences**, and **Hive**, ensuring seamless data sync and reliability.
- Applied **state management** solutions like **GetX, Provider**, and **Riverpod ,Bloc(Cubit)** to maintain scalability and performance.
- Designed and built custom widgets, animations, and reusable UI components, enhancing app usability and consistency.
- Designed and developed responsive web applications using **React.js** and **Angular**, improving accessibility and performance across multiple devices.
- Built and integrated RESTful APIs using **Node.js** and **.NET Web API**, ensuring secure and efficient communication between mobile, web, and **backend services**.
- Managed databases using both **ORM** frameworks and **stored procedures** for optimized performance:
- Implemented role-based access control and API security using **JWT** and **OAuth2**.
- Participated in Agile development processes, including code reviews, **version control**, and **CI/CD pipelines**.

Project Experience

VIR – Ship Inspection App | Apr 2025 – Present

A cross-platform solution designed to digitize ship inspections and improve reporting workflows.

- Developed and launched cross-platform applications for **Android, iOS, and Desktop** using **Flutter and GetX**, ensuring seamless offline and online functionality.
- Implemented offline inspection workflows with **SQLite** for local data storage, enabling photo capture and checklist automation.
- Established **cloud synchronization** features to maintain data consistency, automatically uploading information once connectivity is restored.
- Integrated **RESTful APIs with Node.js** to enable secure data exchange between devices and the central server.
- Focused on performance optimization and error handling, ensuring reliability during extended ship inspections.

Tech: Flutter, GetX, SQLite(Local database), Node.js. Microsoft sql server ,Store procedures

PayPark – Smart Parking Ecosystem | Feb 2025 – Mar 2025

A three-app platform (User, Owner, Admin) that connects vehicle owners with property owners, simplifying parking through real-time availability, secure payments, and centralized management.

- Developed and integrated three Flutter apps — **User, Owner, and Admin** — enabling end-to-end parking reservations, slot management, and dispute handling.
- Implemented real-time parking availability with **Google Maps API** for location-based slot discovery and route guidance.
- Integrated **Razorpay** payment gateway for secure, seamless digital transactions.
- Designed and optimized **UI/UX** using **Figma**, ensuring a consistent and responsive experience across platforms.
- Built admin controls for analytics, user activity monitoring, and revenue tracking to streamline ecosystem operations.

Tech: Flutter, Provider, Razorpay, Google Maps API, Figma

Healthcare Logistics System (Patient, Doctor & Raider Apps) | Apr 2024 – Jan 2025

An integrated healthcare ecosystem connecting patients, doctors, and logistics personnel through seamless digital workflows, improving accessibility, communication, and operational efficiency.

- Developed three cross-platform apps (**Patient, Doctor, and Raider**) using **Flutter** and **ASP.NET Web API**, enabling end-to-end healthcare management.
- Built modules for **appointment scheduling, lab report validation**, and real-time home **sample tracking**.
- Integrated **Razorpay** for secure payments and **Firebase** for **push notifications** and analytics.
- Implemented **Riverpod,Provider** for reactive state management and smooth data synchronization across apps.
- Designed intuitive and responsive **UI/UX** in Figma, ensuring a consistent user experience on **Android** and **iOS**.


Tech: Flutter · Riverpod ,Provider· ASP.NET Web API , Microsoft Sql Server Store Procedure, Razorpay · Firebase · Figma

Prodigious – HRMS & Payroll | Oct 2023 – Mar 2024

A comprehensive cross-platform **HRMS** solution designed to simplify employee management, attendance tracking, payroll processing, and HR analytics for medium to large organizations.

- Developed cross-platform mobile applications for **Android** and **iOS** using **Flutter** and **GetX**, ensuring smooth, consistent performance.
- Implemented employee management and data access modules to securely handle employee records, roles, and departments.
- Built attendance and leave tracking features with transparent logs and real-time approval mechanisms.
- Automated payroll processing and payslip generation, reducing manual effort and improving accuracy.
- Integrated **Hive** database for offline data handling and seamless sync on reconnection.
- Added location-based attendance tracking using **Google Maps API** to verify employee presence and shift locations.
- Developed HR dashboards and analytics with **REST API** integration for better workforce insights.

Tech: Flutter, Provider , GetX · Hive · REST APIs · Google Maps API .

 **Live Link:** [Click here](#)

Telecommunication Site Inspection App |Nov 2024 – Jan 2025

A field-survey solution built to digitize and streamline telecom asset inspections, enabling engineers to verify and document equipment conditions efficiently.

- Developed a cross-platform field inspection app using Flutter and ObjectBox, ensuring full offline functionality for remote site operations.
- Implemented asset condition verification workflows with remark logging, photo capture, and automated validation.
- Integrated cloud synchronization and image upload, ensuring seamless data updates when connectivity is restored.
- Designed visual documentation modules to improve traceability and audit readiness of inspection reports.
- Focused on performance optimization and data accuracy, enhancing field productivity and reducing reporting delays.

Tech: Flutter Bloc(cubit) · ObjectBox(local database) · Node.js · MySQL · Figma, Local notification

Education

2018 - 2019,
Pudukkottai, TamilNadu.
2019- 2023,
Trichy Tamil Nadu

HSC with 73% Govt Higher Secondary School, Pudukkottai.
Bachelor of Engineering(Computer Science And Engineering) with 8.0
CGPA
Sudharsan Engineering College Of Engineering,
,Sathiyamangalam,Pudukkottai

Certifications

UDDEMY Certification

- React js, Node js ,Sql
- Flutter

Interest

Web Development

Agile Methodology

Full Stack Development

Machine Learning

App Development