

# Sriram Kannan

Full Stack Developer  
1.8+ Years of Experience

## Contact Information

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Chennai

## Work Experience

ZGrow Solutions Private Limited  
Duration : April, 2024 – Dec, 2025  
Location : Chennai

DGS Technical Service Private Ltd  
Duration : Jan, 2022 – Dec, 2023  
Location : Bangalore  
*(This is not my technical experience)*

## Educational Qualification

Bachelor of Engineering (Mech. Engg.)  
SRM TRP Engineering College  
Passed Out : 2021

## Technical Skills

**Programming Languages**  
JavaScript, TypeScript, C#, Python

### Structural and Styling Languages

HTML  
CSS and SCSS

### Frameworks and Library

React.js, Angular, ASP.Net Web API, .Net WPF, Express.js, Next.js

### Database

MySQL, SQL Server, MariaDB

### Code Management Tool

GitHub

### IDE

Visual Studio Code and Community

### Database Tools

MySQL Workbench, SSMS, Azure Studio

### Styling Libraries

Material UI, PrimeNG, Bootstrap, Tailwind CSS

### AI Tools

Open AI, Groq, Eleven Labs, Twilio, Smallest.ai

## Objective

Versatile Full Stack Developer with 1.8 years of experience in both Frontend and Backend development, complemented by foundational knowledge in AI & ML. Seeking a challenging role where I can apply strong problem-solving abilities, enhance product performance, and contribute to building impactful, scalable solutions while collaborating effectively within a dynamic team.

## Projects



### NextGen Dealer Tech Platform

Mar, 2025 to Sept, 2025

**Client:** Bangalore-based Mattress Manufacturing Company

**Team Size:** 6

NextGen Dealer Tech Platform is a B2B solution designed to streamline dealer operations through a mobile application and web-based admin portal. The system enables centralized order management, dealer onboarding, inventory tracking, and real-time reporting. The platform consists of a **React-based** admin dashboard and a mobile frontend, powered by **ASP.NET Web API** as the backend service layer.

#### Roles & Responsibilities:

- Designed and developed the complete admin portal using **React (Vite + TypeScript)**, implementing **Material UI** and **Tailwind CSS** to create scalable architecture.
- Implemented **API integration using Axios** with request/response interceptors, error handling, authentication token management, and retry logic.
- Utilized **React hooks** and context for state management and component communication.
- Contributed to backend development by building **RESTful APIs using ASP.NET Web API**, following clean architecture practices and developed few APIs with pagination.
- Implemented **JWT-based authentication**, custom middleware, and secure role-authorized API access. Integrated **Dapper ORM** for fast data access and optimized stored procedures and query performance.
- Worked closely with **MS SQL Server** for database design, schema updates, and query optimization. Used **Azure Studio** Tool to handle Database.
- JIRA** as Task management Tool, managed code by using **GitHub** and **Azure Web App** as deployment tool.
- Delivered a scalable platform that enables my client to track Dealer's **Order, Ledger, Invoice, Feedback details** and helped to send bulk messages to mobile application from admin portal.



### Checklist Tracking System

Oct, 2024 to Feb, 2025

**Client:** Korean-based Automobile Manufacturing Company

**Team Size:** 3

A client-server web application built to digitize, manage, and track safety and operational checklists for **48 industrial machines** across a manufacturing unit. The platform replaces manual documentation, ensures all pre-operation procedures are followed, and improves **safety adherence, compliance reporting, and operational transparency**. The platform consists of a **React-based** frontend, powered by **ASP.NET Web API** as the backend service layer.

#### Roles & Responsibilities:

- Designed and developed the complete Frontend by using **React (Vite) TypeScript, Material UI, Bootstrap**.
- Implemented API integration using **Axios** and utilized **React Hooks** for state and lifecycle management.
- Developed backend by utilizing **RESTful API in ASP.NET Web API**. Used **Dapper ORM** to interact with **MS SQL Server** Database. Implemented JWT authentication.
- Used **SQL Server** for database management and **SSMS** as the primary design and query tool.
- Managed version control and collaborative workflow using **Git** and **GitHub**.
- Contributed to reducing physical documentation, improving data accessibility, and enabling real-time tracking of machine compliance status.

## Personal Information

DOB	04 Oct 1998	
Nationality	Indian	
Gender	Male	
Languages Spoken	Tamil	Fluent
	English	Fluent
	Hindi	Intermediate
	Kannada	Beginner
	Telugu	Beginner

## Kiosk Application

Apr, 2024 to Sept, 2024

Team Size: 3

Developed a **MVVM** pattern-based Windows Application for a Korean Automobile company in Chennai, to track the details of defect Engines by gathering the real-time information from PLC with a team of 3 members.

### Roles & Responsibilities:

- Designed and implemented UI functionalities for Dashboard, Reports Team Management.
- Utilized ADO.net as database layer and MySQL as Database. Managed DB by using MySQL Workbench.
- Helped client to perform CRUD operations on User Management and Repair Condition modules so efficiently.
- Performed bug fixing in the Kiosk Application to improve stability and minor changes in fetching data from PLC.
- Managed code by using GitHub.

## Internal & Support Projects

### ippoSales

Sept, 2025 to Dec, 2025

ippoSales is our Customer Engagement platform, which helps small scale business organization to run campaign via WhatsApp and to have AI generated calls to their customers. This product is under development with a team span of 6.

### Roles & Responsibilities:

- Developed Front End Structure for both customer portal and admin portal by using **React (Vite + Typescript)** and developed backend by utilizing **Node.js (Express.js)**.
- Designed Modules to handle Customer details, Report Screen, handling WhatsApp Template and so on in Customer Portal. To enhance look and feel **Material UI** and **Tailwind CSS** is utilized.
- Managing overall Reports, added Template details, handling client's customers information and On-boarding new client in Admin Portal
- Developed Back End by using **Node.js (Express.js)** with **Sequelize ORM**. Utilized JWT for Authentication.
- Stored data in **SQL Server** Database and **SSMS** is used to access the Database.
- Created WhatsApp chatbot by using Meta Developers platform.
- To manage code GitHub is used.
- This application helps small scale business team to improve their sales by marketing through **ippoSales WhatsApp ChatBot** to have a healthy conversation with their customer.

### Cost Estimation Application

Sept, 2025 to Dec, 2025

Team of 2 developed this Cost Estimation application for German based Transformer manufacturing company.

### Roles & Responsibilities:

- Bug fixing in both client and server side.
- Developed 7 components in **Angular** by using **PrimeNG** package and **Tailwind CSS** libraries.
- Developed 8 APIs in **ASP.NET Web API** to handle few CRUD operations, by utilizing RESTful API and Dapper (Data access layer). **SQL Server** as Database
- Used **GitHub** to manage my code.

### Crew Spire

Nov, 2025 – Dec, 2025

**Crew Spire** is Community engagement platform for recording employee's daily task and for informing upcoming events and other information with a team of 2.

### Roles & Responsibilities:

- Developing Front end by using **Next.js** framework and to enhance styling and structure **Tailwind CSS** and **Material UI** is utilized. Back end with Node.js (Express.js)
- JIRA** as task management tool and GitHub as Code management tool.
- This application helps employee to register their task summaries and Managers / TL to approve teammate's summary.
- Enable to manage **Team members** and intimates **Upcoming events** and **Work Force** requirements.