

# SIVAPRASAD NK

Tripunithura, Ernakulam, Kerala • +91 80860 28340 • [sivaprasadnk123@gmail.com](mailto:sivaprasadnk123@gmail.com)  
<https://www.sivaprasadnk.dev>

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## SUMMARY

Experienced **Flutter Developer** with 3.5+ years of expertise in cross-platform mobile app development. Skilled in **Flutter, Dart, Firebase, Provider, Riverpod, Flutter BLoC, GetX**. Proficient in **CI/CD automation** through **GitHub Actions** and **Codemagic** to streamline app delivery workflows. Adept at leading projects, optimizing performance, and embracing new technologies to deliver innovative solutions

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## SKILLS

- **Cross-Platform Development:** Expertise in building cross-platform mobile applications using **Flutter** for **Android, iOS** and **web**.
- **Dart Programming:** Proficient in Dart programming language for developing **robust** and **scalable** applications.
- **Kotlin & Android Development:** Knowledge of developing native Android applications using **Kotlin** with **XML layouts** and **Jetpack Compose**.
- **State Management:** Experienced in managing application state with **Provider, Riverpod, Flutter Bloc, Cubit** and **Getx**.
- **Development Environments:** Proficient in using **Android Studio, Visual Studio Code**, and **Xcode** for Flutter and mobile app development.
- **Custom UI/UX Design:** Skilled in creating custom, responsive, and **dynamic UI** components with Flutter's widget tree.
- **API Integration:** Competent in integrating **RESTful APIs**, handling **JSON**, and managing asynchronous data flows using **Future** and **Stream**.
- **Firebase Integration:** Experienced in integrating Firebase services like **Authentication ( OTP, Google SignIn, Apple SignIn )**, **Firestore Database**, and **Push Notifications**, etc in Flutter apps.
- **Third-Party Libraries:** Familiar with **creating** and **integrating popular Flutter packages** and plugins.
- **Real-Time Communication:** Implemented using **Socket.io** for chat and live updates, and **Agora** for video calling.
- **Payment Integration:** Skilled in integrating **Razorpay** and **In-App Purchases** (Google Play & Apple) for seamless Flutter transactions.
- **Version Control:** Proficient in using **Git** for source control and collaborating with teams on GitHub.
- **Testing:** Adept at writing **unit tests, widget tests, and integration tests** to ensure code reliability and stability.
- **CI/CD :** Experienced in setting up and managing **CI/CD pipelines** with **GitHub Actions** and **Codemagic** to **automate** builds, testing, and deployment for Flutter applications.
- **Code Architecture:** Strong understanding of **MVC, MVVM, and clean architecture** principles in Flutter applications.
- **Offline Data Storage:** Experienced in using **Shared Preferences, Hive DB, ObjectBox** and **SQLite** for managing offline data access and storage in Flutter applications.
- **App Deployment:** Knowledge of deploying Flutter applications to **Google Play Store** and **Apple App Store**, including handling app store guidelines and requirements.
- **Agile Methodologies:** Experienced in Agile practices, including Scrum and Kanban, utilizing **Jira** for project management, sprint planning, and tracking progress to ensure timely delivery.
- **Cross-Team Collaboration:** Experienced in working with backend, design, and testing teams for seamless API integration, intuitive UI/UX, and a bug-free experience.
- **Web Technologies:** Knowledge of **HTML, CSS, JavaScript**, and **TypeScript** for web development.
- **Backend Development:** Proficient in **Node.js** and **Express.js** for building scalable REST APIs.

## WORK EXPERIENCE

**Flutter Developer (Freelancer) - Blueferns Technologies Pvt Ltd**      **Sept 2024 - Oct 2024**  
**Croccury.com - ( E-Commerce app ) - Flutter ( Android / iOS )**

- Published initial version of the app.
  - Converted **Figma** designs to user friendly app.
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**Sr. Flutter Developer - Invenics Services India Pvt Ltd**      **May 2023 - July 2024**  
**apna AI ( Generative AI Assistant app ) - Flutter ( Android / iOS )**

- State Management & Architecture: Implemented **Flutter BLoC** with **Clean Architecture**.
  - Made the app completely **dynamic** by allowing **backend-controlled content**, including supported languages and features.
  - Integrated multiple **AI agents**/tools such as Astrology, Tour Guide, Fitness Guide, ensuring users can interact with different services in a unified app.
  - Developed a **dynamic input UI** that adapts based on the selected agent.
  - Handled **dynamic AI responses**, allowing interactions with or without user input.
  - Voice Interaction & Accessibility: Integrated **voice recognition** and **speech-to-text** for hands-free interaction, enhancing accessibility.
  - Implemented **Firebase OTP**, **Google Sign-In**, **Apple Sign-In**, and **Biometric Authentication** (Fingerprint & Face ID) for secure user login.
  - Used **Hive Database** for offline access.
  - Configured **Flutter Flavors** for development, testing, and production environments.
  - Real-Time Updates & Notifications: Implemented **push notifications** and real-time updates to keep users informed about AI responses and critical events.
  - API Integration & Backend Communication: **Collaborated** with **backend developers** to integrate APIs, ensuring secure and efficient data exchange.
  - Ensured **smooth animations** and transitions for a polished user experience.
  - **Assisted** in **publishing** and **updating** the app on Google Play Store and Apple App Store.
  - Managed **MacBook setup** and configuration for iOS testing and deployment
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**Flutter Developer - Indbytes Technologies Pvt Ltd**      **Dec 2020 - May 2023**  
**KidsBuddy ( Educational ID app for children ) - Flutter ( Android / iOS )**

- Created **attractive** and **user-friendly interfaces** with vibrant colors to enhance the experience for children.
  - Successfully worked **remotely**, ensuring smooth collaboration with cross-functional teams to deliver high-quality features and updates.
  - Integrated multimedia features like **animations**, **sounds**, and **videos** to enrich learning and make it more engaging
  - Introduced **rewards**, **badges**, and **leaderboards** to inspire children and drive their learning progress.
  - Utilized **Provider** for efficient state management with **MVC architecture**.
  - Integrated **Razorpay** and **In-App Purchases** (Google Play & Apple) for secure and seamless payment processing.
  - Added **Firebase OTP** for user authentication.
  - **Collaborated** with **backend**, **design**, **admin**, and **testing** teams to ensure seamless API integration, intuitive UI/UX, efficient content management, and a bug-free user experience.
  - **Published** and **updated** app on **Google PlayStore** and **Apple AppStore**
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## Flutter Developer (Freelancer) - Mysr Technologies Pvt Ltd

July 2022 - March 2023

MyShowRoom - ( online showroom of vehicles for users ) - Flutter ( Android / iOS )

- Published MVP version of the app.
  - Converted **Figma** designs to user friendly app.
  - Used **Firebase Phone number** authentication.
  - Used **Firebase Firestore** to store user data.
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## Programmer Trainee - Bayasys Infotech Pvt Ltd

July 2019 - Sept 2020

bayaTrade - Java / PostGres

- Trainee in live ERP project
  - Client Visit for assisting live implementation
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## PERSONAL PROJECTS

Portfolio WebApp ( [www.sivaprasadnk.dev](http://www.sivaprasadnk.dev) ) - Flutter Web , ExpressJs

- **Backend:** Implemented using **ExpressJs** to handle data and provide dynamic content.
- **State Management:** Utilized **Flutter BLoC** for managing application state, ensuring a scalable and maintainable architecture.
- **Themes:** Integrated both **dark and bright** themes, allowing users to switch based on preference.
- **WASM Integration:** Enabled WebAssembly (WASM) for improved performance and efficiency in handling computational tasks.
- **Clean Architecture:** Followed clean architecture principles to ensure separation of concerns and code modularity.
- **Service Locator:** Implemented a service locator for managing dependencies and improving code maintainability.
- **Hosting:** Deployed the app on GitHub Pages, with the domain registered via Hostinger.

### SP Quiz App - Flutter - Android , Firebase

- Simple Quiz app to learn facts with cool animations.
- **State Management:** Utilized **Provider** for managing application state, ensuring a scalable and maintainable architecture.
- **Authentication:** **Firebase OTP** for user authentication.
- **Database:** **Cloud Firestore** for storing user data.
- **Themes:** Integrated both **dark and bright** themes, with various **colors** allowing users to switch based on preference.
- Available in Google PlayStore for download

### SP Quotes App - Flutter - Android

- Simple Quotes listing app
- **State Management:** Utilized **Provider** for managing application state, ensuring a scalable and maintainable architecture.
- **Themes:** Integrated both **dark and bright** themes, with various **colors** allowing users to switch based on preference.
- Available in Google PlayStore for download

### MoviezApp - Flutter - (Android, Web )

- Movies listing app using **TMDB api** (The MovieDataBase)
- **State Management**: Utilized **Provider** for managing application state, ensuring a scalable and maintainable architecture.
- **Google Sign-In** for user authentication and **Cloud Firestore** for storing user details.
- **Guest Login** available to access app without login.
- Search , favorite movie details available.
- Available in **Google PlayStore** for download, and Web

### PDF Creator - ( Flutter - Android )

- Create PDF files from text / images and save locally
- View created files
- Clean and minimal UI
- Available in **Google PlayStore** for download

### Fitness in Thoughts - ( Flutter - Android, Web ), ExpressJs, Supabase

- Personal blogging website on Fitness
- **State Management**: Utilized **Cubit** for managing application state, ensuring a scalable and maintainable architecture.
- **Expressjs** for backend and **Supabase** for database
- Available in **Google PlayStore** for download, and **Web**
- **Unit Testing**
- **CI / CD** through **GitHub actions**

### Chat App - ( Flutter - Android), Socket.IO, ExpressJs

- Chat App using WhatsApp like interface using Socket.IO
- Video call using Agora

### Simple month-year-picker flutter package

- Simple to use month/year picker for your apps with highly customisable options.
- 1.6k+ downloads on pub.dev

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## EDUCATION

### Master of Computer Applications

Union Christion College, Aluva

2016 - 2019

### Bachelor of Computer Applications

Union Christion College, Aluva

2012 - 2015