SIVAPRASAD NK

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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

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**: 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

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 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**

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.

Programmer Trainee - Bayasys Infotech Pvt Ltd   July 2019 - Sept 2020

bayaTrade - Java / PostGres

- Trainee in live ERP project
- Client Visit for assisting live implementation

PERSONAL PROJECTS

Portfolio WebApp (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

EDUCATION

Master of Computer Applications
Union Christion College, Aluva   2016 - 2019

Bachelor of Computer Applications
Union Christion College, Aluva   2012 - 2015