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 **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

Consultant Flutter Developer

Invenics Services India Pvt Ltd │ Kochi, Kerala   May 2023 - July 2024

- Developed **ApnaAI**, a **generative AI app** with a **chat-based interface**, enabling seamless user interaction with AI agents
- Migrated project from **FlutterFlow to Flutter,** enhancing flexibility, performance, and code maintainability.
- Implemented **Flutter BLoC** with **Clean Architecture** for a scalable and maintainable codebase.
- Made the app fully **dynamic** by enabling backend-controlled content, including supported languages and feature toggles.
- Integrated multiple AI agents/tools (Astrology, Tour Guide, Fitness Guide) to provide a unified user experience.
- Implemented **authentication** mechanisms, including **Firebase OTP**, **Google Sign-In**, **Apple Sign-In**, and **Biometric Authentication** (Fingerprint & Face ID) for secure user login.
- Integrated **voice recognition** and **speech-to-text** for hands-free interaction, enhancing accessibility.
- Configured **Flutter Flavors** for development, testing, and production environments using native code.
- Used **Hive Database** and **Shared Preferences** for **offline access** and data persistence.
- Integrated **REST APIs** to facilitate smooth data exchange between the app and backend, ensuring dynamic content updates and efficient processing.
- Implemented **push notifications** and real-time updates to keep users informed about AI responses and critical events.
- Integrated **third-party packages** to enhance app functionality, optimize performance, and streamline development.
- **Collaborated with backend developers** to integrate APIs, ensuring secure and efficient data exchange.
- Worked closely with UI/UX designers to create an intuitive and visually appealing interface, maintaining consistency across devices.
- Partnered with the testing team to identify, troubleshoot, and resolve bugs, ensuring a seamless user experience.
- Managed source code using **Git**, enabling **version control**, code collaboration, and streamlined deployment.
- 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.
- Successfully published the iOS app, handling everything from setting up a developer account to completing the app release process.

Flutter Developer

Indbytes Technologies Pvt Ltd │ Kochi, Kerala   Dec 2020 - May 2023

- Developed **KidsBuddy, an educational app for children,** with an attractive and user-friendly interface using vibrant colors to enhance engagement.
- Implemented **Provider** with **MVC Architecture** for a scalable and maintainable codebase.
- **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.
- Integrated **Firebase OTP** for secure and seamless user authentication.
- Used **SQLite** and **Shared Preferences** for efficient data storage, enabling fast access and **offline** functionality.
- Enhanced user experience with smooth **Lottie animations**, high-quality images, and engaging videos.
- Integrated **REST APIs** to enable seamless communication between app and backend services, ensuring dynamic content and efficient data handling.
- Integrated **Firebase Database** to manage online data efficiently .
- Implemented **in-app payments** to unlock premium content, ensuring a seamless and secure transaction experience.
- Added **push notifications** to keep users informed about updates, promotions, and important events in real time.
- Integrated **third-party packages** to enhance app functionality, optimize performance, and streamline development.
- Worked closely with the design team to create an intuitive and visually appealing UI, ensuring consistency across devices.
- Collaborated with the testing team to identify, troubleshoot, and resolve bugs, ensuring a smooth and error-free user experience.
- Successfully **worked remotely**, ensuring smooth collaboration with cross-functional teams to deliver high-quality features and updates.
- Managed source code using **Git**, enabling version control, code collaboration, and streamlined deployment.
- Gained experience in **publishing** and **updating** app on **Google Play Store** and **Apple App Store**.

Flutter Developer (Freelancer)

Mysr Technologies Pvt Ltd   July 2022 - March 2023

- Published MVP version of the app.
- Integrated Firebase for database and authentication

Programmer Trainee (Java , PostGres)

Bayasys Infotech Pvt Ltd │ Kochi, Kerala   July 2019 - Sept 2020

- Trainee in ERP live projects
- Client visit for assisting live implementation

PERSONAL PROJECTS

FiT App - Android, ExpressJs

- Native android app using Jetpack Compose declarative UI
- Personal blogging app on Fitness
- Retrofit for api calls

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.
- **Animations**: Enhanced user experience with smooth **transitions**, micro-interactions, and gesture-based animations using Flutter's **AnimationController** and **AnimatedBuilder**
- **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

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 & widget Testing**
- **CI / CD** through **GitHub actions**

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

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

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