

SIVAPRASAD NK

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SUMMARY

Experienced **Flutter Developer** with 3.9 years of expertise in cross-platform mobile app development. Skilled in **Flutter, Dart, Firebase, Provider, Riverpod**, and **Flutter BLoC**. 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.
- **State Management:** Experienced in managing application state with **Provider, Riverpod, Flutter Bloc**, and **Cubit**.
- **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.
- **Performance Optimization:** Knowledge of optimizing app performance, reducing build sizes, and enhancing startup times.
- **Third-Party Libraries:** Familiar with **creating** and **integrating popular Flutter packages** and plugins.
- **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.
- **Flutter Flavoring:** Proficient in using Flutter flavors to manage multiple environments like development, staging, and production.
- **Offline Data Storage:** Experienced in using **Shared Preferences, Hive DB**, 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.

WORK EXPERIENCE

Consultant - Invenics Services India Pvt Ltd

May 2023 - July 2024

apna AI (Generative AI Assistant app) - Flutter (Android / iOS)

- Created a clean, intuitive, and responsive UI for apna AI, ensuring a seamless user experience across different devices and screen sizes from Figma designs.
 - Utilized **Flutter Bloc** for efficient state management with **clean architecture**, ensuring smooth and reactive data flow within the application
 - Integrated **voice recognition** and **speech-to-text** functionality to enable hands-free interaction with the assistant, enhancing user accessibility and convenience
 - Worked closely with backend developers to **integrate APIs**, ensuring secure and efficient communication between the app and the server.
 - Integrated **Hive Database** for offline app access.
 - Configured app for multiple environments - **development, testing , production** by using **Flutter Flavours**.
 - Implemented real-time updates and **push notifications** to keep users informed about important events and responses from the AI assistant
 - Optimized the **app's performance** by minimizing load times, reducing memory usage, and ensuring **smooth animations** and transitions
 - Added **Firestore OTP, Google SignIn & Apple SignIn** for user authentication.
 - Helped team to **publish** and **update** apps on **Google PlayStore** and **Apple AppStore** .
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Flutter Developer - Indbytes Technologies Pvt Ltd

Dec 2020 - May 2023

KidsBuddy (Generative AI Assistant app) - Flutter (Android / iOS)

- Created attractive and user-friendly interfaces with vibrant colors to enhance the experience for children
 - 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**, ensuring smooth and reactive data flow within the application
 - Enhanced app performance for seamless operation, reducing loading times and ensuring responsiveness
 - Added **Firestore OTP** for user authentication.
 - **Published** and **updated** app on **Google PlayStore** and **Apple AppStore**
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bayaTrade - Java / PostGres

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

PERSONAL PROJECTS

Portfolio WebApp (www.sivaprasadnk.dev) - Flutter Web , NodeJS

- **Backend:** Implemented using **Node.js** 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), NodeJS, Supabase

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

EDUCATION

Master of Computer Applications

Union Christion College, Aluva

2016 - 2019

Bachelor of Computer Applications

Union Christion College, Aluva

2012 - 2015