

SIVAPRASAD NK

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SUMMARY

Experienced **Flutter Developer** with **3.9 years** of expertise. Skilled in **Flutter, Dart, Firebase, Provider, Riverpod** and **Flutter BLoC** for cross-platform mobile app development. Proficient in leading projects, optimizing performance, and embracing new technologies.

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, Getx, 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**, 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 Through Codemagic:** Experienced in setting up and managing **CI/CD pipelines** with 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
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PERSONAL PROJECTS

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

- **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)

- 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
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EDUCATION

Master of Computer Applications

Union Christian College, Aluva

2016 - 2019

Bachelor of Computer Applications

Union Christian College, Aluva

2012 - 2015