SIVAPRASAD NK

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SUMMARY

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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.
- **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.
- **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**, **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.
- **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.

Sr Flutter Developer - 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 , prodution** 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 **Firebase OTP**, **Google SignIn** & **Apple SignIn** for user authentication.
- Helped team to **publish** and **update** apps on **Google PlayStore** and **Apple AppStore** .
- **Handled MacBook setup and configuration** for iOS app version testing and deployment, including:
    - Xcode configuration and debugging.
    - Managing provisioning profiles and certificates.
    - App Store deployment and updates for the iOS version

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
- 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 **Firebase OTP** for user authentication.
- **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 , 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