Vishnu C Prasad

Kochi, Kerala, India

📞 +91 8157983670 ✉ hello@vishnucprasad.in 🔗 linkedin.com/in/vishnucprasad ⏺ github.com/vishnucprasad

Education

LBS Centre for Science and Technology   **Aug 2018 – Aug 2019**
Diploma in Computer Application   *Kottayam, Kerala*

Relevant Coursework

- Web Development
- Software Methodology
- SQL
- Database Management
- Internet Technology
- Office Automation

Experience

Brototype   **Feb 2022 – Mar 2023**
Jr.Software Developer   *Calicut, Kerala*

- Designed, developed, and maintained high-quality mobile applications for both iOS and Android platforms using flutter.
- Collaborated with cross-functional teams to define, design, and ship new features
- Ensured performance, quality, and responsiveness of applications
- Identified and corrected bottlenecks and fixed bugs Helped maintain code quality, organization, and automatization
- Integrated with RESTful APIs to connect Flutter applications to back-end services

Freelance   **Sep 2021 – Present**
Flutter developer   *Kochi, Kerala*

- Developed and delivered Flutter-based mobile applications tailored to client requirements.
- Collaborated with clients to identify needs and translate them into functional app features.
- Integrated Firebase services for authentication, database management, and analytics.
- Maintained and updated existing projects, addressing bugs and implementing enhancements.

Projects

Workshop Management App | *Flutter, Socket.io, Flutter Bloc, Freezed*   **Jan 2023**

- Developed the Workshop Management App (for Brototype), a secure mobile app for managing workshops, using Flutter for the front-end and Socket.io for real-time communication.
- Enabled administrators to securely manage video content and unlock access for specific user batches, while facilitating real-time updates and communication with users.
- Designed an intuitive, user-friendly interface with a dashboard for administrators to manage workshops and communicate with users, promoting engagement throughout the workshop process.

Workshop Management API | *Nest.js, Mongoose, TypeScript, Socket.io*   **Jan 2023**

- Developed the Workshop Management API (for Brototype), a backend solution that supports the Workshop Management App by providing secure and efficient management of video content access for workshop users.
- Implemented robust authentication and authorization mechanisms to ensure secure video access, allowing administrators to lock or unlock content for specific user batches.
- Integrated Socket.io for real-time communication, enabling instant updates and notifications to users when video access changes, enhancing interactivity and engagement.
- Built with Nest.js and Mongoose, ensuring scalability and maintainability, allowing the API to grow alongside the needs of the Workshop Management App.

Stream Lab | *Flutter, Socket.io, Flutter Bloc, Hive*   **Sep 2024**

- Developed a Flutter web application to facilitate testing and experimentation with Socket.io connections and events in real time.
- Implemented Flutter Bloc architecture for state management, ensuring a responsive and interactive user experience.
- Integrated Hive for local data storage, allowing users to save and manage multiple connection configurations for quick access.
- Enabled users to create custom connection settings, manage event emitters and listeners, and simulate real-time communication scenarios.

Express TS | *TypeScript, Express.js, Inversify*   **Jul 2023**

- Created a powerful template for building scalable and robust servers using Express.js with TypeScript and Inversify for efficient dependency injection.

- Enhanced code quality and maintainability by utilizing TypeScript's type safety, reducing runtime errors and improving overall code reliability.
- Streamlined server development by providing a well-organized, modular architecture with built-in configurations for TypeScript and easy integration with essential libraries.
- Enabled developers to focus on building features while minimizing boilerplate code and repetitive setup tasks, promoting clean architecture and efficient dependency management.

Data Dex | *Flutter, Firebase, Flutter Bloc, Freezed* **Mar 2024**
- Developed Data Dex, a vehicle loan management app, using Flutter with Firebase for secure authentication and real-time database management.
- Utilized Flutter Bloc and Freezed for efficient state management and data consistency, ensuring responsive performance even with large datasets.
- Integrated automated loan calculations, image capture for documentation, and applicant management (including co-applicants and guarantors), streamlining the loan process.
- Created a user-friendly design that organizes loan statuses (completed, pending, dropped) and provides options for contact and document sharing, ensuring ease of use for administrators.

Technical Skills

Languages: Dart, JavaScript, TypeScript, HTML/CSS, SQL
Developer Tools: VS Code, Firebase, Google Cloud Platform, Android Studio
Technologies/Frameworks: Flutter, Flutter Bloc, Nest.JS, Express.JS, React.JS, Mongo DB, Mongoose, Git, GitHub

Languages

English: Intermediate
Malayalam: Native