

CHIRAG DHUNNA

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SKILLS

- **Programming Languages & Frameworks:** C++, Javascript, Java, XML, Dart
- **APIs & Databases:** Node.js, Express.js, REST APIs, MongoDB, MySQL, Firebase, SQLite
- **Tools/Technologies:** Android SDK, Android Studio, Material Design, Flutter Development, Version Control: Git/GitHub
- **Technical Proficiencies:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPs), Database Management Systems (DBMS), SOLID principles
- **Soft Skills:** Problem Analysis, Team Collaboration, Clear Communication, Precision, Initiative and Guidance

EXPERIENCE

SDE , BlueMango Labs

July 2024 – Dec 2024

- Automated app distribution processes using Fastlane, creating a script to email application builds directly to testers, improving the efficiency of the testing and deployment workflow.
- Implemented internationalization features, enabling support for multiple languages and improving accessibility for users in diverse regions.
- Improved audio and video call functionality using Livekit, ensuring a smoother user communication experience and reducing connection issues.
- Integrated live streaming functionality using Livekit to deliver a high-quality real-time interaction experience with minimal latency.

SDE Intern, BlueMango Labs

Jan 2024 – June 2024

- Redesigned user interfaces for SuperAstro and Kosmic apps, conducting user research and prototyping to improve user experience and interface usability.
- Adopted Domain-Driven Design principles to improve code quality and maintainability, collaborating with senior developers to align development with business objectives.
- Integrated APIs and MQTT brokers to enhance app scalability and support higher concurrent user activity during peak loads.
- Deployed Firebase notifications and interactive features to improve user engagement and encourage active participation on the platform.

PROJECTS

Booking Calendar | Flutter package to manage online bookings

[Link](#)

- Contributed to an open-source Flutter package with 1000+ downloads on pub.dev, improving its booking system for a better user experience.
- Implemented slot deselection functionality, enabling users to toggle selection and deselection of booking slots for enhanced flexibility.
- Upgraded Gradle and Kotlin configurations to support Flutter SDK 3.x and Android SDK 34, ensuring compatibility with the latest development tools.
- Addressed Android 12+ compliance by adding the android:exported attribute and updating dependencies, enhancing package stability and security.

Astrology Application

[Link](#)

- Developed an astrology mobile application with OTP login functionality and real-time chat features to enhance user interaction.
- Optimized the app's architecture by adopting modular design principles, improving maintainability and scalability.
- Integrated Firebase services, including Firestore for database management and Firebase Authentication for secure user sign-in.
- Designed and implemented a user-friendly interface using Flutter and Dart, ensuring smooth navigation and seamless app performance.

EDUCATION

RGPV University, Bachelor of Engineering in Computer Science

- CGPA: 8.7