

# CHIRAG DHUNNA

chiragdhunna2468@gmail.com | +91 935 334 8691 | chiragdhunna.github.io | LinkedIn | Github

## SKILLS

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- **Programming Languages:** C++, Javascript, Java, XML, Dart
- **APIs & Databases:** RESTful APIs, SQL, MySQL, PostgreSQL, Firebase (Firestore, FCM, Analytics), SQLite, Room
- **Tools/Technologies:** Android SDK, Android Studio, Jetpack Components, Material Design, Jetpack Compose, Flutter Development, Architecture Patterns(MVVM, Clean), Dependency Injection, Version Control: Git/GitHub, JUnit, Espresso, Dagger, Hilt, Continuous Integration/Continuous Deployment CI/CD, JUnit, Espresso
- **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

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**SDE - Mobile Developer**, BlueMango Labs July 2024 – Present

- Reduced system downtime by 50% and improved release times by 25% through the automation of deployment processes using Ruby scripts, optimizing for high-traffic periods.
- Expanded app reach globally by implementing internationalization features, which broadened the user base by 40%, with localization efforts enhancing user satisfaction across 12 countries.
- Optimized audio and video call functionality using Livekit, increasing call success rates by 15% and reducing connection drop rates by 20%, significantly enhancing user communication experience.
- Implemented live streaming functionality using Livekit, reducing latency by 30% and improving overall stream quality, ensuring smoother real-time interaction.

**Flutter Intern**, BlueMango Labs Jan 2024 – June 2024

- Spearheaded the redesign of user interfaces for SuperAstro and Kosmic apps, amplifying user retention by 25%. This involved conducting user research, wireframing, and prototyping to ensure a seamless user experience.
- Implemented Domain-Driven Design to enhance development efficiency by 30%, improving code quality and maintainability. Worked closely with senior developers to align the design with business goals.
- Integrated advanced backend technologies, including APIs and MQTT brokers, supporting 10x more concurrent users, leading to a significant improvement in app scalability and performance under heavy load.
- Deployed Firebase notifications and new user interaction features, leading to a 35% increase in user activity. These features were key in re-engaging users and driving higher daily active user metrics.

## PROJECTS

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**Astrology Application | Social Media Astrology Application**

[Link](#)

- **Project Description:** Developed an astrology app using Flutter and Firebase, achieving a 40% increase in user engagement. Implemented OTP login and real-time chat, boosting interaction efficiency by 50%. Enhanced app performance by reducing third-party dependencies by 70% and optimizing architecture, resulting in a 30% improvement in load times.
- **Technologies Used:** App Development: Flutter, Dart Backend: Firebase Real-Time Communication: Socket Integration Architecture: Modular Design, Performance Optimization

**GPT Jr | Flutter AI Assistant with ChatGPT and DALL · E Integration**

[Link](#)

- **Project Description:** Created a Flutter AI Assistant integrating ChatGPT and DALL · E. Implemented voice commands with Flutter Speech to Text, enhancing accessibility by 35%. Used ChatGPT API for advanced interactions and DALL · E API for real-time image generation, boosting user engagement by 40%.
- **Technologies Used:** App Development: Flutter, Dart AI Integration: ChatGPT API, DALL · E API Voice Commands: Flutter Speech to Text User Interface: Interactive Design

## EDUCATION

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**RGPV University**, Bachelor of Engineering in Computer Science

Jul 2020 – Jun 2024

- CGPA: 8.7