CHIRAG DHUNNA

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SKILLS

- **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

SDE 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.
- Streamlined deployment processes using Ruby scripts, reducing system downtime by 50%, and enabling faster and more reliable releases. This improvement was critical during peak usage periods.
- Directed efforts to implement internationalization features, broadening the user base by 40%. This involved working with localization teams to ensure cultural relevance and language accuracy across different regions.

PROJECTS

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

ACHIEVEMENTS

College-Level Smart India Hackathon Runner-Up (Sep 2022): Led the development of "EcoTrack," achieving 85% accuracy in environmental data monitoring and improving real-time alert response by 40%.

CERTIFICATIONS

Data Structures and Algorithms with C/C++ | Udemy: June 2022 – July 2023   **Link**

Java Masterclass: The Complete Guide | Udemy: May 2023 – Aug 2024   **Link**

EDUCATION

RGPV University, Bachelor of Engineering in Computer Science   Jul 2020 – Jun 2024

- CGPA: 8.7