

Sheikh Asif Ali

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EXPERIENCE

Android Developer

September 2024 – Present

Blue Planet InfoSolutions

Remote

- Designed and Built 3 apps from scratch with key features such as, user registration, login, and profile management, document uploads, media player, to be used by over 10K+ users, and published them to Play Store.
- Spearheaded the integration of APIs to enable seamless communication and profile management between the mobile app and backend services. This led to a 30% increase in mobile app usage compared to the companion website, improving the overall user engagement.
- Supervised the migration of 15+ legacy Android projects to a modern Gradle build system, improving development efficiency by **80%** and ensuring compatibility with modern frameworks. **Mentored interns** during the migration process, fostering a collaborative learning environment while achieving critical milestones.
- Led initiatives to upgrade libraries across multiple apps, improving app compatibility and stability, and reducing crashes by 60%, ensuring a smoother user experience across various Android versions.

PROJECTS

Chatty | *Kotlin, XML, Firebase*

[Link](#)

- Developed a **real-time messaging platform** using Firebase, designed to handle **scalable two-way communication** between users, with support for **hundreds of users** based on Firebase's capabilities.
- Conducted performance optimization, ensuring **minimal latency** during real-time message delivery and providing a **smooth user experience** across different network conditions.
- Implemented **user sign-up and login features** with Firebase authentication, capable of securely handling **up to 50 new user registrations per minute** during load testing.
- Reduced potential crash occurrences by **50%** through extensive testing, identifying and fixing **4+ critical bugs** to ensure a stable and reliable messaging experience.

Hue Calculator | *Kotlin, XML*

[Playstore](#)

- Developed and published a **flat design calculator** with support for an **infinite number of color combinations**
- Utilized the **EvalEx 3.4 library** to efficiently evaluate mathematical expressions, processing calculations in **under 50 milliseconds**, ensuring fast and accurate results.
- Optimized code for performance, improving app speed by **40%** through algorithm enhancements, leading to a **lag-free experience** even during complex calculations.
- Implemented a **Settings feature**, enabling users to save and load their **custom preferences**, improving user engagement and satisfaction.

Noted | *Flutter, Dart*

[Link](#)

- Developed a **note-taking application** using Flutter, designed to handle **up to 500 concurrent users** with Firebase authentication and cloud storage, ensuring scalability for potential user growth.
- Integrated **Firestore for user registration, login, and authentication**, capable of processing up to **100 API requests per second**, ensuring a secure and smooth user experience.
- Implemented **SQLite for offline data storage**, supporting **up to 10,000 locally stored notes**, allowing users to efficiently manage notes even without internet connectivity.

NewsWala | *Flutter, Dart*

[Link](#)

- Developed a News Application using the Flutter framework, capable of displaying 10K+ News Articles.
- Integrated the Dio package for API requests, reducing data fetching time by **30%**, ensuring real-time news updates.
- Implemented a search functionality to allow users to find news on specific topics.
- Leveraged Flutter widgets to build a fully responsive application, resulting in a **15% improvement in performance** across various devices.

TECHNICAL SKILLS

Languages: Kotlin, Java, Dart

Databases: Firebase, MySQL

Libraries: Android SDK, Jetpack, Glide, Material Picasso, Retrofit, Volley, KSoap, Espresso, Flutter, Dio, Bloc, SQFlite

Additional Skills: MVVM, MVC, Clean Architecture, REST APIs, SOAP APIs, Git, Github, Bitbucket, Figma, Debugging, Strong communication, UI/UX

EDUCATION

Arya College

Bachelor of Computer Applications

Ludhiana, Punjab
August 2021 – May 2024

Green Land Senior Secondary Public School

12th

Ludhiana, Punjab
April. 2020 – May 2021