

FAYSAL HOSSAIN

Prohaladpur, Sreepur, Bashudebpur - 1700, Gazipur (Bangladesh),

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OBJECTIVE

Android Developer with 9+ years of experience (6.5+ years officially since 2018). Skilled in Java, Kotlin, Jetpack Compose, and Kotlin Multiplatform (KMP), focused on delivering high-performance, user-centric mobile solutions.

EDUCATION

ADTP Computer Science *Completed: 35 credit hours over 2 years (2019–2021)*

Taylor's University – 1, Jalan Taylors, 47500 Subang Jaya, Selangor, Malaysia

Diploma In Computer Technology (CS) *Graduation Date: 2020 | RMI Verified – Singapore*

Model Institute of Science & Technology – Dhaka - Gazipur #Shimultoy Rd-1700 , Bangladesh

PROFESSIONAL EXPERIENCE

Lead Software Engineer (Android) - Onsite March 2024 - Present, *AppifyDevs – Dhaka, Bangladesh*

- Led Android development efforts, guiding junior developers in scalable architecture and best practices.
- Designed robust APIs and modular app structure, enhancing long-term maintainability and reducing onboarding time for new devs.
- Reviewed code and enforced clean coding standards, resulting in fewer bugs and faster delivery cycles.
- Managed Google Play Console, ensuring timely releases, crash-free user experiences, and policy compliance.
- Collaborated with web/backend teams to align on API design and optimize system integration for faster development.

Lead Android Developer - Onsite July 2023 - March 2024, *HeyJom Sdn Bhd – Petaling Jaya, Selangor, Malaysia*

- Led a team of developers to design and implement high-quality Android applications, resulting in a 30% increase in user engagement and 25% growth in downloads.
- Conducted comprehensive code reviews, ensuring clean coding practices and reducing app crashes by 20%.
- Optimized app performance, cutting load times by 35%, and boosting user retention through targeted debugging and performance enhancements.
- Collaborated cross-functionally to align development with business goals, driving app reliability and scalability.

Senior Android Developer - Remote Nov 2022 – July 2023, *Chondo Wellbeing Limited. - Dhaka, Bangladesh*

- Architected and implemented a modular, scalable app structure using MVVM and Clean Architecture.
- Integrated advanced features include biometric authentication, in-app payments, and real-time data synchronization.
- Developed and implemented new features and functionalities for Android applications, leading to higher user engagement and positive user feedback.
- Collaborated with cross-functional teams to design and deliver high-quality, user-centric mobile applications, ensuring smooth integration with backend systems and APIs.

Skills

- **Programming Languages:** Java, Kotlin, Python, Swift
- **Architecture Patterns:** MVP, MVC, MVI, MVVM, Clean Architecture, Multiplatform Architecture (KMP)
- **Databases:** Firebase, MySQL, SQLite, PostgreSQL, MongoDB, Supabase
- **Libraries & Frameworks:** Jetpack Compose, Dagger, Retrofit, hilt, TensorFlow Lite, Room, Ktor,koin, GraphQL
- **Testing & Automation:** Espresso, Mockito, JUnit, KMP Unit Tests (Kotlin Multiplatform Testing)
- **Map APIs:** Google Maps, MapBox

Tools

- **Project Management & Communication:** Trello, Slack, Figma, JIRA, Confluence, Notion
- **Version Control:** Git, GitLab, Bitbucket, GitHub Actions (for CI/CD automation)
- **Project Management & Communication:** Trello, Slack, Figma
- **IDE & Editors:** Android Studio, Eclipse, VS Code
- **Libraries:** Extensive experience with third-party library implementation and integration.
- **Cloud & DevOps:** Firebase (Authentication, Cloud Firestore, Remote Config), AWS (S3)
- **Performance Monitoring & Analytics:** Firebase Crashlytics, Firebase Analytics (for real-time performance monitoring and debugging)

Projects

- **TallyTimer**
TallyTimer is the ultimate event reminder and countdown app. It allows users to create events with custom backgrounds, set personalized reminders, and display countdowns on their home screens. Upcoming integrations with popular calendars ensure that users never miss an important event.
Technologies: *Kotlin, Jetpack Compose, Koin, Material3, Room, coil, Ktor*
- **HeyJom**
HeyJom provides a comprehensive online registration solution for sports and fitness events. The platform simplifies event discovery and registration, helping users enrich their lives through active participation.
Technologies: *Kotlin, Jetpack Compose, GraphQL, Hilt, Material3, Google Map, Payment Gateway*
- **HeyJom EPC**
HeyJom EPC app integrates Supabase for real-time database management, Firebase for push notifications, and Google Play Services for a fast QR code scanner. Bluetooth integration enables seamless printing of entry kits, improving event efficiency.
Technologies: *Kotlin, Jetpack Compose, GraphQL, Hilt, Material3, Google Map, Payment Gateway*
- **Mushafi**
Mushafi is a Quran app designed to provide an immersive reading experience, featuring a user-friendly interface, customizable reading modes, and advanced search capabilities. The app enables users to explore and engage with the Quran in a meaningful way, enhancing their spiritual journey.
Technologies: *Kotlin, XML, Onnx, Protocol Buffers, Room, Hilt*

Certifications

- Coder's Society TADP | *2nd Place , 2 July 2023*
- PASS Class Leader | *School of Liberal Arts and Sciences (Taylor's University), 24 January 2024*
- IELTS (International English Language Testing System) | *Band: 6.5, 02 January 2022*
- Kotlin for Java Developers | *JetBrains, Issued Jan 2022*

Languages

- **English:** Fluent | **Bangla:** Native | **Hindi:** Conversational | **Urdu:** Conversational

Research Publications

- **Intelligent Systems of Computing and Informatics**
Published In: *CRC Press, Taylor & Francis Group*
eBook Published: *26 June 2024*
eBook : *ISBN9781003400387*

LINKS

- LinkedIn: <http://inkedin.com/in/fsfaysalcse>
- GitHub: <http://github.com/fsfaysalcse>