Faysal Hossain

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OBJECTIVE ;

Experienced Senior Android Developer with over 8 years of expertise in designing, developing, and maintaining Android applications. Seeking to leverage advanced technical skills and leadership abilities to contribute to innovative projects and drive technological advancements.

EDUCATION

Bachelor of Computer Science
Taylor's University – 1, Jalan Taylors, 47500 Subang Jaya, Selangor

Diploma In Computer Technology (CS)
Model Institute of Science & Technology – Dhaka - Gazipur #Shimultoy Rd-1700

PROFESSIONAL EXPERIENCE

Lead Android Developer - Onsite July 2023 - July 2024, *HeyJom Sdn Bhd – Petaling Jaya, Selangor, Malaysia*
- Involved in the project's life cycle, including analysis design, development, debugging, testing, and deployment to Google Play.
- Engage in the complete project lifecycle, spanning analysis, design, development, debugging, testing, and deployment to the Google Play Store.
- Spearheaded application development based on specifications and thorough requirement analysis.
- Mentor junior engineers, emphasizing the significance of architecting Android apps for optimal testability.
- Continuously refactor and enhance the codebase to uphold high maintainability standards.

Senior Android Developer - Onsite Dec 2022 - Feb 2023, *Perisian Huda Sdn Bhd – Kajang, Selangor, Malaysia*
- Designed, developed, and maintained Android mobile applications with a focus on integrating on-device machine learning techniques.
- Implemented machine learning models directly on Android devices to enhance app functionality and provide a seamless user experience.
- Troubleshot and resolved issues in real-time to ensure smooth application performance and reliability.

Senior Android Developer - Remote June 2021 – Oct 2022, *Hire-Programmers. - Denver, Colorado, United States*
- Involved in the project's life cycle, including analysis design, development, debugging, testing, and deployment to Google Play.
- Architected and implemented a modular and scalable app structure using MVVM and Clean Architecture.
- Integrated advanced features such as biometric authentication, in-app payments, and real-time data synchronization.
- Take care of junior engineers & lead the importance of architecting an Android app to maximize testability.
- **Key Achievement**: Reduced app crash rates by 40% through rigorous testing and code optimization, enhancing overall user experience.

Skills

- Programming languages: Java, Kotlin, Python.
- Web Technologies - Flask, Django
- Architecture Pattern: MVP, MVVM, MVC
- Databases - Firebase, MySQL, SQLite, PostgreSQL, MongoDB, Supabase
- Operating Systems: Linux, Windows, macOS

Tools

- Version Control: Git, Gitlab, Bitbucket
- Project Management & Team Communication Tools: Trello, Slack, Figma
- IDE & Editor: Android Studio, Android SDK, Eclipse, VS code
- Map: Google Maps. MapBox
- Libraries: Able to implement any third-party library

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 Getway

- **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

- **BaseHubs**
  BaseHubs connects you with trusted businesses within your local military community. The platform allows users to read and write reviews, share recommendations, and find military discounts. It serves as a hub for military families and Veterans to connect and share trusted resources.
  Technologies: Kotlin, XML, ConstraintLayout, GraphQL, Retrofit2, 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*
- ELTS (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 Papers

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

LINKS

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