WALEED SARWAR

SENIOR ANDROID ENGINEER

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PROFESSIONAL SUMMARY

Accomplished Android Engineer with 7 years of experience, highly regarded for developing android applications that meet and exceed demanding client requirements in a broad range of domains, including e-commerce, recruiting, social networking, and reward-based apps. Sought for superb ability, to solve challenging problems using a combination of industry standard and cutting-edge technologies, delivering clean, well-structured code. Skillset to work compatibly with clients to understand requirements and develop products that exceed quality expectations with on-time delivery.

CORE COMPETENCIES

- Software/Application Engineering
- Coding
- Industry Best Practices
- Project Management
- Scrum Methodologies
- Operations Optimization
- Troubleshooting

PROFESSIONAL EXPERIENCE

GUDANGADA, JAKARTA, INDONESIA, FEBRUARY 2021 TO DECEMBER 2022
SENIOR ANDROID ENGINEER
- Charted successful course of automating the new user verification flow in the [Marketplace app](#), reducing the Ops Team's workload by over 50%.
- Spearheaded the initiative to A/B test the [Marketplace app](#) product selection and store selection screens, securing 13% additional conversions.
- Boosted productivity by 30%, lowered build time by 50%, and reduced maintenance time by 20% by drafting and initiating the [Marketplace app](#) architecture refactoring to be more modular.
- Led the company's first Design System library built on Jetpack Compose. Hosted as a private employed by three Android apps.
- Piloted the integration of the GudanagAda design system library in the Marketplace app, elevating UI development productivity by 53%.
- Authored a custom Image Picker library that helped reduce crashes tied to picking or capturing images by 98%.
- Headed the [Sales App](#) technical design and implementations, which increased the BD team's effectiveness by 70% and indirectly boosted the salesperson's productivity.
- Delivered a practical guide on performing unit testing to achieve 100% code coverage to a team of 4 android engineers.

LUMINA (YC W22), JAKARTA, INDONESIA (REMOTE), OCTOBER 2021 TO NOVEMBER 2022
ENGINEERING ADVISOR
- Facilitated final Android interviews for 10+ potential Android Engineers and consulted the CTO on hiring decisions.
- Implemented the architecture of the [Lumina App](#) for a team of 4 android engineers.
- Attained 92% fewer bugs during a critical testing phase by carefully assessing Lumina App's code and tech design docs.
- Examined [Lumina App's](#) Home Page lag and recommended potential solutions to secure a 70% performance improvement.
- Spearheaded the Research and Development of Lumina's In-App Chat features that could support 10k concurrent users with reliability matching WhatsApp.

STOQO, Jakarta, Indonesia (Remote), February 2018 to February 2020
ANDROID ENGINEER
- Advanced development of and refined features to decrease the number of crashes by 50%.
- Updated Customer Android App legacy code base from Java to Kotlin in line with architecture and standards guidelines and helped develop new features.
- Partnered with an Android Engineer to upgrade the Driver App from React Native to Android Native in three months, which increased the driver productivity to ship 50% more orders/day and made the app more responsive for low-end devices.

Vadion, Islamabad, Pakistan, February 2017 to January 2018
SOFTWARE ENGINEER
- Aligned objectives and bridged communications with cross-functional teams to plan, design, develop 5 Pillars app.
- Headed the development of a new Android application, 5Pillars, end-to-end as a Lead.

Global Rescue LLC, Islamabad, Pakistan, July 2015 to February 2017
SOFTWARE ENGINEER
- Recommended an Android skeleton project to the team lead, then employed Clean Architecture to implement GR Direct project upon approval.
- Fixed bugs and developed new features for an existing mobile application Global Rescue, including geofencing and integrating Zoom SDK for providing medical consultancy to customers.

Technical Proficiencies

- **Languages & Frameworks**: Kotlin, Java
- **Architectural Patterns**: MVC, MVP, MVVM, MVI.
- **Jetpack**: Compose, Databinding, Paging, Navigation, ViewModel, LiveData, Room, DateStore, Hilt, CameraX
- **3rd Party Libraries/SDKs**: Retrofit, Dagger, Crashlytics, Sentry, Braze SDK, MoPub SDK, Applovin MAX SDK
- **Testing Frameworks**: Junit, Espresso
- **IDE/Tools**: Android Studio, IntelliJ IDEA, JIRA, GitHub, BitBucket, Zeplin, Figma, Linear, Quip, Slack

Education

Bachelor of Science (B.Sc.) in Computer Science, June 2015
National University of Computer and Emerging Sciences, Islamabad, Pakistan
Relevant Coursework: Mobile Computing (Android), Advance Programming (Java)

Achievements

- Promoted to Senior Android Engineer at Gudangada within 6 months due to strong performance and organization impact ahead of schedule by 6 months.
- Got performance-based bonuses for two consecutive years at Gudangada for exceeding expectations.
- Promoted to Software Engineer at Global Rescue in 1.5 years (6 months in advance); the only member in a cohort of 5 Associate Software Engineers to be fast-tracked.