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Düsseldorf, Germany (open to relocation)

Mohamed Harmoush

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Summary

Passionate Android Engineer with 5+ years of experience building high-performance apps using Kotlin, Jetpack Compose, and scalable architectures. Skilled in designing clean, maintainable code and optimizing performance. Experienced in collaborating with cross-functional teams, including product managers, designers, and backend engineers, to deliver seamless user experiences.

Professional Experience

Senior Software Engineer   **Check24** (Düsseldorf, Germany)   **April 2024 – Present**

- Designed and built the Kreuzfahrten Android Plugin using Clean Architecture, Kotlin, Jetpack Compose, Dagger, and gRPC, ensuring maintainable code.
- Implemented Server-Driven UI for the components of the Kreuzfahrten plugin, enabling dynamic and flexible UI rendering based on backend configurations.
- Improved user experience by collaborating with product managers, resulting in a 10% increase in customer satisfaction.
- Optimized the Kreuzfahrten plugin, reducing its size by 40%, improving performance, and enhancing maintainability.

Software Engineer   **Check24** (Münster, Germany)   **August 2022 – April 2024**

- Developed and optimized Android features for the Komplettrad and Reifen plugins.
- Led code refactoring initiatives, migrating legacy Java code to Kotlin, improving code maintainability and scalability by 25%.
- Mentored junior developers and collaborated cross-functionally, enhancing team efficiency and development speed

Software Engineer   **EME International** (Cairo, Egypt)   **May 2021 – July 2022**

- Developed features and supported mSales app in a two-person team, enhancing functionality and user experience, increasing user satisfaction.
- Improved order management by keeping detailed logs, cutting error rates by 30%.
- Integrated handheld thermal printers for invoice printing, ensuring seamless operations.

Software Engineer   **Identity-Solutions** (Alexandria, Egypt)   **July 2018 – April 2021**

- Developed new Android apps from scratch on a team of two. Ex: Fanzword & Tutlez.
- Supported existing Android apps either by bug fixing or adding new features. Ex: Upspeak & Sayar.
- Collaborated with clients to gather requirements, ensuring the delivery of tailored and user-centric solutions

Technical Skills

- **Android Development**: Java, Kotlin, Jetpack Compose, Coroutines, Flow, Navigation, Paging, Data Binding
- **Architecture**: MVP, MVVM, MVI, Clean Architecture, SOLID Principles
- **Networking**: gRPC, REST APIs
- **Testing**: Unit & UI Testing (JUnit, Espresso, Mockito), Snapshot Testing
- **Dependency Injection**: Dagger2, Hilt, Koin
- **Tools**: Git, Bitbucket, GitHub

Education

Bachelor of Computer Science   **September 2014 – July 2018**
Ain Shams University, Cairo, Egypt