

Mohamed Elshawaf

Senior Software Engineer | Mobile Development | Team Leading

Personal

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Resume Objective

Results-oriented Software Engineer with 10+ years of experience crafting scalable medical, fintech, and e-commerce applications. Proven ability to deliver high-quality frontend, backend, and infrastructure projects using cutting-edge technologies and adhering to industry best practices.

Work Experience

[Oncoustics](#), Toronto, Canada (Remote) — *Lead Software Engineer*

August 2018 - PRESENT

Oncoustics' AI Solutions turn inexpensive Point of Care Ultrasound devices into powerful diagnostic tools for faster, cost-effective detection and monitoring of liver diseases

- Built First Prototype
- Init All Project Pipeline of 6 subprojects between mobile apps, dashboard, training website, ML project, Labeling Project, and Combiner Project.
- Built Many Mobile Apps that have been in use for data collection (used in many clinics around the world) and others for the Startup MVP project that's used to get invested and show projects result.
- Built all infrastructure needed to handle connections and other operations between the software and hardware (transducer).
- Lead on app and cloud-based infrastructure for data collection centers, overseeing data collection expansion.
- Built interesting data analysis services using NestJs, Go Cloud Run, Python Cloud Function,
- Built Full CI/CD Pipeline for Mobile using CircleCI, Fastlane, Github, and Gradle, for Backend using GCP cloud build and cloud triggers and Docker.
- Lead Technical Efforts on HIPAA and SOC2-compliant.

Tech Stack: Android-Kotlin, IOS-Swift, NodeJs (Nest), GCP (Cloud Run/Function/Build), CircleCI, Fastlane.

[Shahry](#), Cairo, Egypt (On-Site) — *Senior Software Engineer*

January 2022 - January 2023

Shahry is a digital buy-now-pay-later credit card and wallet. The app offers the ability to buy consumer goods and services in installments over up to 36 months, with no down payment, and starting at 0% interest / APR

- Build some amazing fintech features that help shahry in competing in BNPL market.
- Worked on complicated technologies like OCR, Face Liveness Detection, Bluetooth Authentication, and many other challenges.
- Redesign the app to match with the new modern UI/UX world standards.
- Help Improve the team development environment.
- Monitor, and Track app health and work on avoiding any future Issues/Risks

Tech stack : Kotlin, MVVM, RX, BLE, MLkit, Jetpack Compose.

Hakbah, Riyadh, Saudi Arabia (Remote) — Lead Mobile Software Engineer

November 2020 - November 2021

Hakbah is a cooperative savings platform in Saudi Arabia, An integrated solution for (the financial association) or what is known as the financial cycle for individuals with ease.

- Worked for 6 months as a project manager for a project and the startup achieved two big milestones and got the biggest pre-seed fund.
- Worked on solving team issues and put solid plans into development
- Helped to move the teamwork with the agile system
- Worked on rebuilding the Android App from Scratch using MVVM Arch, Kotlin, Coroutine, Hilt, Kotlin flow, and Data binding.
- Succeeded with the team to finish an important milestone that made us join one of the

Tach Stack: Kotlin, MVVM, RX, Jetpack Compose.

Waqood, Jeddah, Saudi Arabia (Remote) — Senior Mobile Software Engineer

May 2017 - Oct 2020

Hakbah is a cooperative savings platform in Saudi Arabia, An integrated solution for (the financial association) or what is known as the financial cycle for individuals with ease.

- Was working on building apps from A to Z with the best quality.
- Help Make decisions about the best tech stack for the team to follow.
- Build with the team 7 good products between published, Onhold.

Tech Stack: Java, Kotlin, MVC, MVP, Reactive Programming.

Education	Certificates
Faculty of Computer and Information Science, Manusara Universit — B.S January 2010 - December 2014 Major in Computer Science.	Agile Certified Professional (ICP) Dec 2020 From ICAgile
Google, Online — Training Course June 2021 - Dec 2021 Project Management 6 Courses Program	

Projects	Skills
Onx MultiApp (In Clinical Trial) Shahry — (+100K Downloads) 2022 - Store Link Hakbah — (+100K Downloads) 2021 - Store Link	Mobile: Android - IOS - Flutter Backend: NodeJs, Express, Nest. Tools: Android Studio, VS Code, Xcode, CircleCI, Docker, Cloud Build, GCP, Cloud Run, Cloud Function