Hamid Abdalrahman

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Profile

Lead Engineer with 8+ years of experience designing and delivering enterprise-scale digital banking solutions across the UAE, Egypt, and Pakistan. Specialized in mobile engineering, secure digital channels, and multi-region product delivery. Trusted technical leader with a strong record of improving app performance, driving security maturity, and accelerating engineering productivity.

Experience

GLOBAL LEAD ENGINEER | MASHREQ (MOBILE PLATFORM) | JUL 2024 – PRESENT

· Lead engineering efforts for the Mashreq Mobile App across multiple regions (UAE, Egypt, Pakistan), supporting a user base exceeding 1M+.
· Provide technical leadership, coaching, and mentorship to distributed engineering teams, resulting in 2× faster onboarding.
· Architect scalable and secure mobile features aligned with compliance and business growth requirements.
· Oversee end-to-end release management across Google Play, Apple App Store, and Huawei AppGallery.
· Partner with product, security, and architecture teams to ensure governance, compliance, and technical excellence.

SENIOR DEV ENGINEER | MASHREQ (MOBILE PLATFORM) | JUN 2022 – AUG 2024

· Designed mobile banking features improving scalability and supporting a 5% increase in downloads and a 4.8 average store rating for Mashreq UAE retail app, and 4.3 for Mashreq Egypt retail app.
· Enhanced mobile security posture through strong encryption, authentication layers, and proactive threat detection, reducing vulnerabilities by 90%.
· Coordinated monthly releases across app stores, ensuring compliance with store policies and internal governance.
· Collaborated with cybersecurity teams on audits and security hardening initiatives.

DEV ENGINEER | MASHREQ BANK (ASSISTED CHANNELS) | NOV 2019 – JUN 2022

· Led a front-end squad delivering digital tools for client-facing staff, reducing manpower needs by 30%.
· Developed the first React Native Windows application in the region.
· Improved app performance by optimizing architecture and resolving bottlenecks, achieving a 3× faster launch time.
· Created and maintained automated test suites with 80%+ coverage.
· Built native plugins integrating with UAE ICP systems for Emirates ID and biometric readers, contributing to a 55% increase in new client onboarding.

HEAD OF MOBILE DEVELOPMENT | SEMICODE | AUG 2018 – AUG 2019
· Established and led the mobile engineering function in a startup environment.
· Delivered three commercial mobile products, including an online school platform and two eCommerce apps.
· Defined development standards and release processes for scalable delivery.

SOFTWARE DEVELOPER | TPRA - SUDAN | AUG 2017 – DEC 2018
· Delivered software solutions aligned with IT and regulatory requirements.
· Contributed to the development of the telecommunications authority's main website and mobile application.

Education

M.S. IN BUSINESS ADMINISTRATION | SEPT 2024 - PRESENT | AASTMT, EGYPT

B.S. IN COMPUTER ENGINEERING | MAR 2017 | THE FUTURE UNIVERSITY, SUDAN

CORE SKILLS

· **Mobile Engineering:** React Native (iOS & Android), Android (Java/Kotlin), Native SDK/Module Development, NPM Package Development, Mobile Architecture (Feature-based & Modular), Performance Optimization, Mobile Security Hardening, Deep Linking & Universal Links, OTA Updates (Expo Updates), Push Notifications (FCM/APNs), Crash Reporting (Crashlytics/Sentry), Mobile Analytics, Device Integrations, REST/GraphQL APIs, Offline-first Development

· **Web:** JavaScript (ES6+), TypeScript, React, Vite, React Hooks, Context API, NX Monorepo, Redux Toolkit, Material UI, Tailwind CSS, Webpack, Babel, Responsive UI Design, Component-driven Development

· **Backend:** Java (Spring Boot), Node.js (Express/Nest.js), Microservices Concepts, REST API Design, JWT/OAuth2, MySQL, MongoDB/

· **DevOps & Delivery:** Azure DevOps Pipelines, GitHub Actions, CI/CD Automation, Automated Release Pipelines, AppCircle/Firebase Distribution, Fastlane, GitFlow, Monitoring & Logging, Release Governance, Environment Configuration Management.

· **Practices:** Agile (Scrum/Kanban), Architecture Design (Clean Architecture, MVVM/MVI), QA Automation (Unit/Integration/E2E), Code Quality Tools (ESLint/Prettier), Documentation, Cross-functional Collaboration, Mentorship & Leadership, Performance Engineering, AI Coding Agents (Claude code, github copilot), Figma Make.

Awards and Recognition

· Al Safwa – The Elite Club (2022), Mashreq.
· Certificate of Recognition of Outstanding Performance (2020), Mashreq
· Featured Contribution – Microsoft Tech Community (View article here)