

HUSNAIN ALI

Riyadh, Saudi Arabia (Transferable Iqama) | +966 54 312 5495 | husnainali593@gmail.com

linkedin.com/in/husnain-ali-819007108 | github.com/ihusnainali

Senior iOS Engineer | Mobile Architecture | Mobile CI/CD | DevSecOps

9+ years and 30+ shipped iOS, iPadOS, and cross-platform apps at 4.5+ App Store ratings, scaling products to 100K+ users at 99%+ crash-free sessions for FinTech, Healthcare, Aviation, and Sports clients across Europe, the Middle East, and Asia.

B.Sc. Computer Science | AWS Certified DevOps Engineer – Professional | HEC Verified

PROFESSIONAL SUMMARY

- **Senior Mobile Application Engineer** with 9+ years delivering **30+ enterprise and consumer iOS apps** to an exceptional standard, on time and on budget, at **4.5+ App Store ratings**, for clients across Europe, the Middle East, and Asia in FinTech, Healthcare, AR/VR, Sports, and enterprise mobility. Core projects:
 - FinPay (Swift, UIKit, Apple Pay): FinTech payments, biometrics, PCI-DSS storage
 - Volocopter Pilot & Flight Ops (Swift, MVVM-C): aviation telemetry, offline navigation
 - RENOLIT AXS (iPadOS, ARKit, CoreML): AR surface measurement, millimeter precision
 - MediCare+ & HealthTrack 360 (SwiftUI, Combine): HIPAA telemedicine & e-commerce
 - KSC App & KSC TV (iOS, tvOS, AVFoundation): live scores, low-latency HLS streaming
 - Mobile CI/CD Framework (Fastlane, Xcode Cloud): zero-touch App Store delivery, 15+ apps
- **Mobile Architect** designing clean, modular architectures (**MVVM-C, Clean, MVC, MVP**) with **TDD, unit, UI, snapshot, and Pact contract testing** for maintainability and performance across enterprise and consumer apps.
- **Native Swift expert:** Swift, Objective-C, SwiftUI, Combine, RxSwift, and **Swift Concurrency**, plus React Native and Flutter for cross-platform delivery.
- **Hands-on, AI-accelerated engineer:** writes and ships Swift and SwiftUI code daily; uses **agentic coding tools and MCPs** with LLM-assisted workflows to build features, tests, and tooling faster, and integrates on-device and cloud AI (CoreML, AWS Bedrock) into apps.
- **Mobile CI/CD and DevSecOps:** Fastlane, Xcode Cloud, and GitHub Actions cutting release cycles **90%**; shift-left SAST and dependency scanning (SonarQube, Trivy, Gitleaks), **OWASP**, Keychain, Secure Enclave, and SSL pinning built into the pipeline.
- **Full-stack ownership:** also builds and operates the AWS backend (Lambda, API Gateway, S3, Cognito, Bedrock), Terraform IaC, and Kubernetes (EKS) behind the apps, plus Jenkins and GitHub Actions CI/CD, cutting infrastructure cost 35%.

TECHNICAL SKILLS

- | | |
|---|---|
| • iOS Application Development | • AI-Assisted & Agentic Development |
| • Data Persistence (Realm, CoreData, SwiftData) | • AR & AI Integration (CoreML, ARKit, Vision) |
| • Mobile Architecture & System Design | • Mobile CI/CD & Release Automation |
| • Mobile DevSecOps & Secure Auth | • Backend & Cloud (AWS, Terraform, EKS) |
| • Performance Optimization & Scalability | • Leadership, Mentoring & Stakeholder Comms |

Languages: Swift, Objective-C, Dart, Python, JavaScript

Cross-Platform: Flutter, React Native

iOS & Apple: SwiftUI, UIKit, Combine, RxSwift, Swift Concurrency (async/await, actors), Core Animation, WidgetKit, tvOS, iPadOS, watchOS

Architecture: MVVM-C (Coordinator), Clean Architecture, MVC, MVP, modular SPM packages, dependency injection

Testing & Quality: XCTest (unit + UI), snapshot testing, Pact contract testing, TDD, Xcode Instruments (Time Profiler, Leaks, Allocations), SwiftLint, SwiftGen

Data & Security: CoreData, SwiftData, Realm, SQLite, Keychain, Secure Enclave, Face ID / Touch ID, SSL pinning, OAuth 2.0

Networking: URLSession, Alamofire, REST, GraphQL, WebSockets (Socket.IO), APNs, Firebase (Firestore, Crashlytics, Remote Config)

CI/CD & DevSecOps: Fastlane, Xcode Cloud, GitHub Actions, App Store Connect, TestFlight, SonarQube, Trivy, Gitleaks, OWASP

Backend & Cloud: AWS (Lambda, S3, API Gateway, CloudFront, Cognito, Bedrock, SageMaker), Terraform, Kubernetes (EKS), Docker, Jenkins

AI & Developer Tooling: agentic coding tools, MCPs, CoreML, AWS Bedrock, Vision, TensorFlow Lite, LLM-assisted development

PROFESSIONAL EXPERIENCE

Principal Software Engineer (iOS & Platform Architecture) | Salestech Data & AI GmbH

Remote (Germany / Global) | Oct 2020 – Present

Key Contributions:

- Delivered 15+ enterprise iOS apps with clean, modular architecture and 4.5+ App Store ratings
- Migrated the codebase from Objective-C to Swift, improving stability 96% and performance 35%
- Scaled apps to 100K+ users at 99%+ crash-free sessions with optimized caching and network layers
- Architected modular MVVM-C and Clean architectures across iOS and hybrid apps
- Cut release cycles 90% with Xcode Cloud, Fastlane, and GitHub Actions CI/CD pipelines
- Adopted agentic coding tools and MCPs for features, tests, and tooling, accelerating delivery
- Raised code quality 75% and cut bugs 60% with code reviews, standards, and XCTest/Pact tests
- Boosted team productivity 40% by mentoring engineers and enforcing architecture standards
- Integrated payments, real-time chat (Socket.IO), push notifications, biometrics, and OAuth 2.0
- Built hybrid apps in Flutter and React Native for cross-platform consistency and performance
- Embedded mobile DevSecOps (SonarQube, Trivy, Gitleaks, OWASP) in the pipeline
- Built the AWS backend (Lambda, API Gateway, S3, CloudFront, Cognito, Bedrock) with Terraform IaC
- Run production Kubernetes (EKS) and multi-environment deployments, cutting infra cost 35%
- Integrated on-device and cloud AI (CoreML, AWS Bedrock, SageMaker) for in-app intelligence

Senior Software Engineer (iOS) | ArhamSoft Pvt Ltd

Lahore, Pakistan | Feb 2019 – Oct 2020

Key Contributions:

- Delivered 10+ complex iOS applications, including ARKit-powered and AI-driven solutions
- Built real-time human pose tracking with ARKit 1/2, CoreML, and TensorFlow
- Built CoreData/Realm offline storage with sync; integrated Google Maps, Firebase, and payments
- Refactored legacy apps to MVVM-C, decoupling navigation and logic to raise test coverage
- Cut App Store review and release issues 40% by optimizing deployment workflows

Software Engineer (iOS) | Novatore Solutions Pvt Ltd

Lahore, Pakistan | Jul 2018 – Feb 2019

- Developed e-commerce and social iOS apps, integrating third-party APIs and SDKs for scale

Associate Software Engineer (iOS) | Developers Clan

Lahore, Pakistan | Jul 2017 – Jun 2018

- Built and maintained native iOS apps for finance and productivity clients in agile teams

EDUCATION

B.Sc. Computer Science, University of Lahore

Lahore, Pakistan | 2013 – 2017 (HEC Verified & Attestation Ready)

CERTIFICATIONS & TRAINING

- AWS Certified DevOps Engineer – Professional, Amazon Web Services (2025)
- Composable SwiftUI Architecture Using Redux, LinkedIn Learning (2024)
- Software Architecture: From Developer to Architect, LinkedIn Learning (2023)
- Scalable App Development & Modular Architecture, Udemy (2022)
- Certified iOS Mobile Developer, EVS Lahore (2017)