

KHURRAM SHEHZAD

Engineering · Mobile Platform, AI & Security · 15+ Years

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PROFESSIONAL SUMMARY

Engineering leader with 15+ years in mobile platform architecture, security, and on-device ML. Founded Neurix (behavioral authentication). Background spans team leadership, technical roadmaps, and cross-functional delivery from 10M+ user consumer apps to regulated fintech environments.

CORE COMPETENCIES

- Engineering Team Leadership
- SDK Design & Distribution
- ML / Deep Learning / CV / NLP
- Technical Roadmap & Delivery
- Investor & Stakeholder Communication
- Mobile Platform Architecture (iOS/Android)
- Security & Identity Systems
- Cross-Functional Collaboration
- GDPR / PDPA / Privacy-by-Design

PROFESSIONAL EXPERIENCE

CEO & Co-Founder · [Neurix \(neurix.tech\)](https://neurix.tech)

May 2024 – Present | Pakistan

Privacy-first behavioral authentication

- Defined product vision, technical architecture, and go-to-market strategy for a mobile security SaaS platform that verifies users through on-device behavioral signals without storing or transmitting biometrics.
- Architected a multi-module Swift Package SDK (Core, Sensors, ML, Biometric) in Swift with full privacy-by-design GDPR & PDPA compliant by construction, all inference on-device.
- Built and maintained the investor pitch deck, demo app, and technical documentation; engineering lead managing architecture decisions, CI/CD, and release pipeline.
- Applied ML fundamentals (on-device model inference, feature engineering from behavioral signals) to the authentication pipeline; background spans machine learning, deep learning, computer vision, and natural language processing with working familiarity of modern LLM architectures.

Senior iOS Engineer · nextlevelsports.com

Sep 2023 – Apr 2026 | Remote

Youth sports management platform for parents and organisers

- Led iOS feature development and code quality standards for a multi-stakeholder sports management app, collaborating with product and backend teams across distributed time zones.
- Owned end-to-end delivery of major feature releases, coordinating QA, staging, and App Store submission cycles.

Senior iOS Engineer · [Triller \(triller.co\)](#)

Apr 2022 – Aug 2023 | Remote

Short-form video creation, consumption & live streaming platform

- Contributed to the iOS codebase of a high-traffic consumer social video app, working on live streaming, video creation pipeline, and real-time playback performance.
- Collaborated cross-functionally with product managers and backend engineers to ship new creator tools and monetisation features under tight release cycles.

Senior iOS Engineer · [Callsign](#)

Dec 2020 – Mar 2022 | Abu Dhabi, UAE

Enterprise authentication, identity verification & fraud detection clients include Lloyds Bank, Bank of America, HSBC, Standard Chartered Bank, First Abu Dhabi Bank and more

- Delivered an enterprise-grade iOS SDK shipped to major banking clients across UK, US, UAE and KSA.
- Collaborated with client-side integration teams and internal security architects to meet stringent compliance and certification requirements for regulated financial institutions.
- Maintained and hardened internal iOS applications supporting identity verification and fraud detection workflows.
- Gained deep expertise in authentication protocols, secure data handling, and mobile biometric integration in high-stakes environments.

Senior iOS Developer · [Oozou](#)

May 2020 – Nov 2020 | Remote

myAIS app Thailand's largest telecom operator, 10M+ active users

- Contributed to a major revamp of the myAIS iOS app serving over 10 million active users, with emphasis on performance, stability, and feature delivery at scale.
- Worked within an Agile team structure, participating in sprint planning, code reviews, and retrospectives.

Mobile Application Developer · [Luminary Podcasts](#)

Sep 2018 – Jan 2020 | Remote

Podcast broadcasting & streaming platform, New York \$200M VC-backed

- Part of the founding engineering team that built the iOS app from the ground up for a high-profile, well-funded media startup.
- Contributed across the full iOS stack: audio streaming, offline playback, subscription management, and content discovery.

Mobile Application Developer · [Devcrew](#)

Sep 2016 – Aug 2018 | Remote

- Glo Bible (iOS): multimedia Bible reading app, rich content rendering and cross-device compatibility.
- Fabricare (iOS): laundry services platform operating across multiple Pakistani cities end-to-end delivery from design to App Store.

Mobile Application Developer · [NADRA](#)

May 2015 – Mar 2016 | Islamabad

- Designed and developed government-facing iOS and android applications integrating biometric verification, facial recognition, and smart card readers.
- Worked in a security-sensitive environment with emphasis on user data protection, privacy compliance, and client-server security architecture.

Software Engineer · Skylight Software

Apr 2011 – Jul 2014 | Pakistan

Multi-platform document format application (macOS, Windows, iOS) comparable in scope to Microsoft Word

- Part of the core team that designed and built a novel document format application from scratch across macOS, iOS, and Windows.
- Led iOS and macOS platform contributions; implemented Inter-Process Communication via WebKit, memory management via smart pointers in C++.

TECHNICAL SKILLS

Languages: Swift, Objective-C, Kotlin, Java, C/C++, Python, JavaScript

Mobile & SDK: Swift Package Manager, XCFramework, Core ML, ML Kit, UIKit, SwiftUI, Android SDK, Jetpack

Security & Identity: Behavioral biometrics, on-device ML inference, GDPR, PDPA, Saudi PDPL, secure enclaves

AI / ML: Machine learning, deep learning, computer vision, Natural Language Processing, conceptual depth and applied work in on-device inference (Core ML, ML Kit, Ollama/local LLMs); working knowledge of LLM architectures and modern AI tooling

Tooling & Infra: Xcode, GitHub, Docker, n8n, Ollama, CI/CD pipelines, bash scripting

EDUCATION

M.S. in Computer Sciences

2015 – 2019

National University of Sciences & Technology (NUST), Islamabad

B.E. in Information & Communication Systems Engineering

2007 – 2011

National University of Sciences & Technology (NUST), Islamabad