

# Muhammad Moiz

## Senior React Native Engineer | Full-Stack Software Engineer

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## PROFESSIONAL SUMMARY

Senior React Native Engineer with 7+ years of experience architecting scalable cross-platform mobile applications. Led end-to-end architecture and delivery of an AI-powered frontline operations platform serving 300+ multi-location organizations and 15K+ daily active users. Specialized in offline-first systems, enterprise-grade mobile stability, performance optimization, and large-scale React Native modernization.

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## TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript
  - **Mobile Development:** React Native, React.js, Redux, React Hooks
  - **Mobile Platforms & Tooling:** iOS, Android, Xcode, Android Studio, React Native CLI, CodePush, Fastlane, ProGuard, App Store & Google Play Release Management
  - **Architecture:** Offline-First Systems, State Management Architecture, Cross-Platform Architecture, Performance Optimization, Memory Optimization
  - **Data & Synchronization:** PowerSync, SQLite, REST API Integration
  - **Monitoring & Stability:** Sentry, Firebase Crashlytics, Production Incident Triage
  - **Cloud Exposure:** AWS (Backend Integration), Docker
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## PROFESSIONAL EXPERIENCE

### Xenia | Senior Software Engineer

USA (Remote) | 09/2024 – Present

- Lead architect and sole mobile engineer for a React Native platform serving 15K+ active users across 300+ enterprise organizations globally, owning end-to-end architecture, releases, and production stability.
- Executed React Native upgrade (v0.70 → v0.73), resolving 150+ breaking changes and reducing crash rates by 50%.
- Designed offline-first architecture using PowerSync + SQLite, implementing local schemas, synchronization engines, and conflict resolution for low-connectivity environments.
- Optimized rendering performance and memory usage across iOS and Android devices; reduced binary size by 15–20% via ProGuard and build optimizations.
- Engineered secure kiosk-mode deployments for enterprise Android and iOS tablet environments.
- Implemented centralized observability (Sentry) and structured incident triage workflows, decreasing crash recurrence by 20%.
- Improved engineering throughput by 40% by adopting AI-assisted development (Cursor), automated PR review (Greptile), and end-to-end regression testing suites (Autosana), reducing manual QA effort and accelerating release velocity.

### DigitalTolk | Senior Software Engineer

Sweden (Remote) | 07/2023 - 09/2024

- Led cross-platform mobile architecture supporting UK market expansion via multi-environment build strategies and scalable configuration management.
- Engineered GitLab CI/CD pipelines, reducing deployment time by 60% and improving release stability across staging and production.
- Directed CI/CD and release automation (Fastlane, CodePush), achieving 99.8% deployment reliability across global rollouts.
- Designed and delivered high-performance backend features using Laravel and Vue.js, improving booking system performance by 30%.
- Collaborated across product, QA, and backend teams throughout the full SDLC lifecycle, ensuring scalable and maintainable system evolution.

**Next Generation Innovations | Applications Engineer II***Karachi, Sindh | 01/2020 - 07/2023*

- Directed React Native development for fintech and social applications, exceeding 100K+ downloads.
- Designed and implemented a distributed microservices architecture using NestJS and gRPC, improving backend scalability by 45% and reducing service latency.
- Integrated real-time communication systems using CometChat SDK (chat, voice, video) for an education platform, boosting user engagement by 60%.
- Architected secure payment integrations via Stripe, enabling compliant multi-market transactions.
- Deployed and maintained production backend services on AWS with structured logging, monitoring, and fault isolation practices.
- Mentored 5+ engineers, formalized code review standards, and introduced unit testing practices, reducing defects by 25%.

**Xord | Software Engineer***Karachi, Sindh | 09/2019 - 01/2020*

- Engineered an optimized administrative dashboard for a blockchain-based platform, improving operational efficiency by 35%.
- Developed scalable MERN stack solutions supporting high-volume transactional workflows.
- Contributed to system design discussions and architectural decision-making.

**Capazyte | Software Engineer***Karachi, Sindh | 12/2018 - 08/2019*

- Developed cross-platform web and mobile applications using React and React Native.
- Built TypeScript-based internal tools, reducing manual processing time by 30%.
- Supported CI processes to ensure stable and reliable production deployments.

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**EDUCATION****Bachelor of Science in Computer Science | University of Karachi***Karachi, Pakistan | 01/2016 - 12/2019*

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**CERTIFICATIONS**

- **Certified Mobile and Web App Developer**, Saylani
- **Flutter & Dart - The Complete Guide**, Udemy
- **Learn Angular 5 from Scratch**, Udemy
- **Certification of JavaScript**, HackerRank