

# Muhammad Moiz

Senior Full-Stack Software Engineer | Node.js, React & Distributed Systems

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## PROFESSIONAL SUMMARY

Senior Full-Stack Software Engineer with 7+ years of experience building scalable mobile and backend systems using React Native, Node.js, and microservices architectures. Led end-to-end architecture and delivery of an AI-powered frontline operations platform serving 300+ multi-location organizations and 15K+ daily active users. Experienced in API contract design, offline-first synchronization systems, distributed services (NestJS, gRPC), and AWS-based deployments. Strong focus on system reliability, performance optimization, and scalable cross-platform architecture.

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## TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, PHP
  - **Frontend:** React.js, React Native, Next.js, Redux
  - **Backend:** Node.js, Express.js, NestJS, Laravel
  - **API & Integration:** REST APIs, GraphQL, API Contract Design, API Versioning
  - **Databases & ORM:** PostgreSQL, MySQL, MongoDB, Prisma, Sequelize, Mongoose
  - **Architecture:** Microservices, gRPC, Distributed Systems
  - **Cloud & DevOps:** AWS, Docker, CI/CD Automation
  - **Monitoring & Testing:** Sentry, Firebase Crashlytics, Jest
  - **Integrations:** Stripe API
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## PROFESSIONAL EXPERIENCE

**Xenia** | *Senior Software Engineer*

*USA (Remote) | 09/2024 – Present*

- Led end-to-end system development of a mobile-first SaaS platform supporting 15K+ active users across distributed enterprise environments.
- Directed React Native modernization (v0.68 → v0.73), resolving 150+ breaking changes and reducing crash rates by 50%.
- Coordinated frontend architecture and backend integrations to enable scalable, offline-first data synchronization using PowerSync + SQLite.
- Implemented centralized monitoring (Sentry) and structured incident resolution processes, decreasing crash recurrence by 20%.
- Standardized state management and technical design practices across the codebase, improving maintainability and engineering throughput by 40%.

**DigitalTolk** | *Senior Software Engineer*

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

- Led full-stack architecture supporting UK market expansion with scalable configuration and multi-environment deployment strategies.
- Engineered GitLab CI/CD pipelines, reducing deployment time by 60% and improving release stability across staging and production.
- Directed mobile release automation (Fastlane, CodePush), achieving 99.8% deployment reliability.
- Designed and implemented scalable RESTful backend services using Laravel and Node.js, improving booking system performance by 30%.
- Collaborated across product, QA, and backend teams throughout the SDLC lifecycle to ensure scalable and maintainable system evolution.

**Next Generation Innovations** | *Applications Engineer II*

*Karachi, Sindh | 01/2020 - 07/2023*

- Designed and implemented a distributed microservices architecture using NestJS and gRPC, improving backend scalability by 45% and reducing service latency.
- Directed full-stack development for fintech and social platforms, exceeding 100K+ downloads.

- Integrated real-time communication systems (chat, voice, video) using CometChat SDK for an education platform, boosting engagement by 60%.
- Architected secure Stripe payment integrations enabling compliant multi-market financial transactions.
- Deployed and maintained 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 architectural design discussions and backend integration strategies.

**Capazyte** | *Software Engineer*

*Karachi, Sindh* | **12/2018 - 08/2019**

- Developed full-stack web and mobile applications using React and Node.js.
- Built TypeScript-based internal tools, reducing manual processing time by 30%.
- Supported CI processes to ensure stable 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