

Muhammad Moiz

Full-Stack Software Engineer | Backend-Focused (Node.js & Microservices)

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PROFESSIONAL SUMMARY

Backend-focused Full-Stack Software Engineer with 7+ years of experience delivering scalable web and mobile platforms, including 2+ years designing and implementing backend services using Node.js, NestJS, and microservices architecture. Experienced in designing RESTful APIs, building distributed microservice systems, and managing AWS-based production deployments, with proven impact improving backend scalability by 45% and supporting platforms serving 100K+ users.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, PHP
 - **Backend Frameworks:** Node.js, Express.js, NestJS, Laravel
 - **API & System Design:** REST APIs, GraphQL, API Contract Design, API Versioning
 - **Architecture:** Microservices, gRPC, Distributed Systems, Service-Oriented Architecture, System Scalability
 - **Databases & ORM:** PostgreSQL, MySQL, MongoDB, Prisma, Sequelize, Mongoose
 - **Cloud & DevOps:** AWS, Docker, CI/CD Automation
 - **Monitoring & Reliability:** Sentry, Structured Logging, Fault Isolation, Performance Optimization
 - **Integrations:** Stripe API
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PROFESSIONAL EXPERIENCE

Xenia | Senior Software Engineer

USA (Remote) | 09/2024 – Present

- Led development of a production mobile platform serving 15K+ active users, collaborating with backend teams to define API contracts, optimize data synchronization, and ensure scalable system integration.
- Designed an offline-first synchronization architecture using PowerSync and SQLite to ensure reliable consistency between mobile clients and backend services.
- Improved platform stability by 20% through monitoring integration (Sentry) and structured incident resolution processes.
- Increased engineering throughput by 40% through AI automation initiatives and architectural standardization.

DigitalTolk | Senior Software Engineer

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

- Designed and implemented scalable RESTful APIs using Laravel and Node.js, improving booking system performance by 30%.
- Engineered GitLab CI/CD pipelines, reducing deployment time by 60% and improving release stability.
- Collaborated with frontend and product teams to align API contracts and ensure maintainable backend 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.
- Designed and maintained backend APIs for fintech and social platforms supporting 100K+ users in production environments, ensuring performance, security, and reliability.
- Architected secure Stripe payment integrations enabling compliant multi-market financial transactions.
- Deployed and maintained scalable backend services on AWS, implementing structured logging, monitoring, and fault isolation practices.
- Implemented real-time communication services using CometChat SDK for chat, voice, and video

systems.

- Mentored engineers and introduced backend testing practices, reducing defects by 25%.

Xord | *Software Engineer*

Karachi, Sindh | **09/2019 - 01/2020**

- Developed MERN stack backend services supporting high-volume transactional workflows.
- Contributed to API design discussions and system architecture decisions.

Capazyte | *Software Engineer*

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

- Contributed to backend integrations and API consumption for web and mobile platforms.
- Supported CI processes to ensure stable deployments.

EDUCATION

Bachelor of Science in Computer Science | University of Karachi

Karachi, Pakistan | **01/2016 - 12/2019**

CERTIFICATIONS

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