

MUHAMMAD SAAD AHMED

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EXPERIENCE

Motive

Software Engineer, Frontend

Lahore, Pakistan
January 2026 – Present

- Author, review, and present Technical Design Documents for frontend initiatives, aligning product and engineering on scope and approach before implementation and reducing late-stage rework.
- Instrument frontend observability using Datadog (dashboards, alerts, error tracking) and Pendo (product usage analytics), and run production incident response through Rootly.
- Build AI-driven document analysis features in the customer-facing web platform, translating product discovery discussions into scoped, documented, and demoed deliverables.
- Adopt AI-assisted development workflows (Claude Code, Cursor), establishing prompting and review practices that shorten delivery time while holding code review and test coverage standards.

Glotte

Lead Software Engineer / CTO

Doha, Qatar
May 2024 – January 2026

- Architected and delivered a cross-platform mobile product from scratch, owning architecture across mobile, backend, cloud, and data infrastructure (React Native, NestJS, TypeORM, MySQL, Redis, Elasticsearch).
- Designed API and data models for extensibility, supporting new content types without schema migrations; managed cloud infrastructure across AWS (Cognito, S3) and Railway for reliability at controlled cost.
- Led production launch on the Apple App Store and Google Play, implementing federated authentication and a RevenueCat subscription system (multi-tier plans, trials, unified entitlements) against platform compliance requirements.

Dubizzle Labs

Software Engineer, Full Stack

Islamabad, Pakistan
May 2021 – June 2023

- Developed and improved Zameen's CRM, deployed across 4 companies and used by 4,000+ active users; reworked the lead generation module to reduce lead submission time by 50%.
- Led refactoring of legacy code into reusable, performant components, improving component performance by 100% while maintaining 90%+ code coverage through unit testing and structured QA.
- Redesigned reporting and staff modules around aggregated data visualization (TypeScript, SCSS, RxJS, ng2-charts, Lodash), reducing load times by 20%.

Ciklum

Software Engineer, Full Stack

Islamabad, Pakistan
June 2019 – November 2020

- Developed and integrated location tracking and geographic compliance into an IoT management system deployed in the maritime industry for remote B2B vessel management.
- Integrated microservices running on Linux-based Docker containers deployed to Azure, using PostGIS and time-series databases for geospatial and telemetry data.
- Collaborated with trans-national teams using Agile sprints and Azure Boards; interfaced directly with clients through requirements analysis, demos, and regular updates.

EDUCATION

Lahore University of Management Sciences (LUMS)

MS, Technology Management and Entrepreneurship

Lahore, Pakistan
July 2022 – June 2024

- Thesis: Best Practices in Domains of Project Management, Documentation and Compliance

National University of Computer and Emerging Sciences (FAST-NUCES)

BS, Computer Science

Islamabad, Pakistan
August 2015 – June 2019

- Bronze Medal for Academic Excellence; Dean's List (Spring 2016, Spring 2017)

SKILLS

Engineering: TypeScript, JavaScript, Angular, React, React Native, Node.js, NestJS, C#/.NET Core, Python, Jest, Git

Data & Cloud: MySQL, PostgreSQL/PostGIS, MongoDB, Redis, Elasticsearch, time-series databases, AWS, Azure, Docker

Practices & Tooling: Technical Design Documents, code review, test coverage, Datadog, Rootly, Pendo, Agile (Scrum, Kanban), Jira, Azure Boards, Claude Code, Cursor

CERTIFICATIONS

AZ-900 Microsoft Certified: Azure Fundamentals | SQL and Database Design | C# Advanced Topics | Mastering LINQ in C# and .NET