

MUHAMMAD OMAR SARFRAZ

+92 343 4985877 | itsomarsarfraz@gmail.com | linkedin.com/in/m-omar-sarfraz | github.com/omar-sarfraz

SUMMARY

Full Stack Engineer with 3+ years of experience working with large scale web applications handling thousands of users. I have experience in shipping MVPs and taking products from 0-1.

EXPERIENCE

Motive

Sep 2025 – Aug 2026

Software Engineer (JavaScript)

Remote

- Localized Motive's fleet management product for EU region to unlock GTM pipeline for six-figure clients. Developed shared utilities for localization and helped 2 other teams with localization implementation.
- Increased supported currencies from 2 to 15+ across 4 product verticals and refactored the currency implementation in Ruby on Rails, cutting customer-reported tickets from 2 per week to 0.
- Drove 149% increase in user adoption by localizing the Vehicle experience in EU. Launched with 0 customer-reported bugs. Migrated the legacy implementation from country names to country codes for scalability.

Arbisoft

July 2024 – Aug 2025

Software Engineer (React and Django)

Hybrid

- Contributed to OpenEdx, an open-source LMS used by 50M+ learners. Implemented an end to end browse and request feature for enterprise clients using React and Django microservices.
- Developed complete drag and drop functionality for Admin panel and solved a critical bug in Jenkins pipeline that was affecting over 250 enterprise customers.
- Helped another team to improve performance of a large list by using virtualized list and by replacing the array based data structure with a hash map. Reduced click delay from multi second to instant.
- Developed a full-stack application for listing projects with offline support using React, Node, Sentry, Vitest and GraphQL. Created a CI/CD pipeline with GitHub Actions and deployed using Docker and Nginx on AWS EC2 server.

LET Technologies

January 2023 – June 2024

Full Stack Developer (MERN and React Native)

Remote

- Built a full stack LMS from scratch using MERN and React Native. Deployed on Digital Ocean VPS using Nginx.
- Built multiple mobile apps that are being used by 15,000+ users with 4.85/5.00 rating from 619 users.
- Implemented real-time chat in 3 apps, payment system in 2 apps and integrated Google maps in 1 app.
- Utilized One Signal / Firebase Cloud / Huawei SDK to implement Push Notifications in 2 different apps.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL

Frameworks: React, Next JS, React Native, Angular, Node JS, Django, Fast API

Developer Tools: AWS, Docker, Jenkins, Git, Pendo, Sentry, Datadog, Figma, GraphQL, MongoDB, Stripe, Claude

PROJECTS

Sentinel | AI Powered Surveillance System

- Implemented real time video streaming using WebRTC and anomaly notifications using firebase. Hosted Node JS web server on AWS and used S3 with Cloudfront for video clips.

TaskHorse | UAE based portal for on demand labour services

- Created the mobile app using Typescript, React Native and Supabase. Used Supabase's PostGIS to implement location tracking in the app. Used Husky and ESLint for commit hooks.

EDUCATION

COMSATS University Islamabad, Lahore Campus

2020 – 2024

Bachelor of Computer Science, CGPA: 3.64/4.00, Silver Medalist

Lahore, Pakistan

CERTIFICATIONS

AI Fluency for Builders | Anthropic's 4D Framework in AI

Aug 2026

Web Performance Fundamentals | RUM Tools, Improving LCP, CLS, INP and TTFB

March 2025

IBM DevOps and Software Engineering | GitHub Actions, Docker, Kubernetes, Linux Shell

February 2024