Muhammad **Mujtaba Roohani**

Sofware Engineer · Backend / iOS

☎ (+92) 333-225-2953 | ✉ mujtaba.roohani@gmail.com | 🖊 in Ⓜ 🅷 📟 @MMujtabaRoohani

"The worth of every being is in their yohsin" - Ali

Work Experience

BlockApex
Karachi, pk

Senior Backend Engineer
Aug. 2024 - Present · 7 mo+

- Got ranked in the top 10 for a public security contest held on Cantina.
- Identified and reported several critical and high vulnerabilities in Smart Contracts written for TON.
- Helped the leadership in writing technical sections of the proposal documents in AIxBlockchain Space.
- Took charge of the DevOps issues faced by developers, reduced cost and improved cost breakdown reporting for clients.

SadaPay Technologies Ltd.
Dubai, UAE

Software Engineer II
Oct. 2023 - Jul. 2024 · 9 mo

- Collaborated in **mob-programming** sessions with highly talented colleagues, fostering collaboration and ensuring shared code ownership.
- Focused on Backend services written with **Kotlin** and **Springboot**, engaging in chapter meetings, proposing and discussing ideas to improve resilience of our backend services.
- Investigated and resolved 150% increased API time-consumption post-service-upgrade by identifying and fixing a critical bug, testing in staging and production, and sharing the solution with the broader team. Received public praise for the same.
- Managed the backfilling of missed Kafka events during a major incident, identifying missing events, preparing data for production, and ensuring successful deployment and verification.
- Identified and corrected CI/CD GitHub workflow issues to prevent unintended code releases.
- Enhanced monitoring dashboards on Kibana and Dynatrace for proactive service performance monitoring.
- Investigated and resolved issues to improve service availability from 99.8% to 99.98%.
- Practiced **Test-Driven Development (TDD)** to create and maintain 98% covered services and apps producing highly reliable software for our customers.
- Contributed to building and delivering a fully functional Ledger from scratch, including inter-service APIs, an iOS widget for displaying balance, and a control module in the admin portal. Actively involved in backend development, iOS widget support, and web module extraction.
- Owned the generation of 'Account Statement' feature starting from the SPIKE ticket to monitoring the post-production performance.
- Participated responsibly in on-call rotations, which included reacting to incidents, reducing alert noise, and ensuring a healthy system state.
- Utilized **trunk-based development** to streamline code integration and enhance deployment efficiency.

Tilism Technologies
Karachi, Pakistan

Backend Software Engineer (NodeJS)
Jan. 2023 - Oct. 2023 · 8 mo

- Led a team of 6 engineers, enhancing an embedded chat framework for businesses.
- Managed and extended on-premise Kubernetes cluster and improved CI/CD workflows.
- Made public contribution with a module for ejabberd in **Erlang**, and helped the company adopt it saving **9000 USD** annually
- Helped the company swiftly shift focus to their B2B model by reusing their existing infrastructure advancement from their flagship product.

iOS Engineer
Nov. 2020 - Jan. 2023 · 2 yr 3 mo

- Led a team of 3 iOS engineers, fostering a sense of shared responsibility among them, and maintained a culture of reviewing each other's work and engage in productive discussions to write better code each day.
- Maintained and extended a hyper-localised, integrated social media and messaging application used by over a million users.
- Identified and implemented various **XMPP** extensions introducing exciting features for our users.
- Devised a framework for **Clean Architecture** and migrated ∼40% of the code base to it achieving partial testability.
- Got recognition for my cross-domain problem-solving skills with an early promotion.

Consultant (Ongoing)
Oct. 2023 - Present · 1 y+

Technollage
Karachi, Pakistan

Founding member & iOS + Backend engineer
Nov. 2015 - Aug. 2019 · 3 yr 8 mo

Education

Habib University
Karachi, Pakistan

B.Sc in Computer Science & Minor in Mathematics
Aug. 2016 - Jul. 2020 · 4 yr

- Secured 3.5 CGPA
- Enrolled in multidisciplinary electives including Quantum Computing, Machine Learning, Data Science, Environmental Engineering, Geometrical Modelling, Computer Graphics, and Climate Change.