MAHAD AAMIR

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EXPERIENCE

Backend Software Engineer — September 2022 - Present
Ostrom — *Berlin, Germany*

- Designed and executed automation for API flows, including failover mechanisms, leading to a 5% decrease in inbound inquiries.
- Revamped the algorithm to calculate a user's balance, improving accuracy by 95% and restoring one of the most highly regarded features of the application.
- Established a Data Science service to streamline data migrations, resulting in a 20% acceleration in the development of Tableau dashboards and Data Science processes.
- Achieved a 40% increase in coverage and successfully reduced 50+ code smells, surpassing tech KPIs for 2022.

Backend Software Engineer — January 2022 - August 2022
Retailo — *Islamabad, Pakistan*

- Migrated 5+ monolithic modules to microservices, resulting in a 25% improvement in API response time.
- Led the overhaul of core infrastructure services, including authentication and configuration, to enhance performance and accommodate the rapidly growing user base of 50K+.
- Facilitated standardization of logging and in-house API documentation, along with the implementation of monitoring suites, resulting in a reduction of cloud costs by over 15%.
- Successfully designed and executed a custom architecture for distributed transactions across microservices, eliminating the probability of data inconsistencies during failures.

Application Developer (DBMS, AWS & Azure) — April 2020 - January 2022
IBM — *Islamabad, Pakistan*

- Oversaw day-to-day digital marketing campaigns of Vodafone Qatar for a user base of 2M+.
- Streamlined data analysis process through automation of log ingestion, resulting in a 95% reduction in manual intervention.
- Implemented targeted marketing strategies to boost ARPU and reduce churn rates by over 30%.
- Led the successful launch of 100+ multi-channel marketing campaigns including SMS, notifications, and email.
- Collaborated with the client to align business objectives and streamline development workflows, resulting in campaign runs generating 10K+ USD per week.

Full-Stack Software Engineer — September 2019 - March 2020
Xgrid — *Islamabad, Pakistan*

- Expanded Cisco SD-WAN 3-tier orchestration application to incorporate horizontal scaling, resulting in performance gains of over 100%.
- Led front end effort to handle parallel instance deployments on Microsoft Azure, leading to an improvement of 100% over synchronous deployments.

EDUCATION

Bachelors of Science in Computer Science, COMSATS University — September 2015 - July 2019

SKILLS

Technical Skills	JavaScript, TypeScript, Node.JS, Nest.JS, Python, SQL, NoSQL, AWS, Microservices, Git, Jira, Agile, TDD, Linux, Jest, Sentry, New Relic, Github Actions, CI/CD, DSA
Certifications	AWS Certified Cloud Practitioner (CLF-C01), Azure Fundamentals (AZ-900)