

MAHAD AAMIR

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EXPERIENCE

Senior Software Engineer (Backend)

Klarna

August 2023 - Current

Berlin, Germany

- Led setup of a new variable serving service responsible for handling up to 1M+ requests per month with an SLA adherence of under 300 ms.
- Designed pipeline for transformation and delivery of historical in-house data for regulatory reporting consisting of 1M+ records spanning back 6 years.

Software Engineer (Backend)

Ostrom

September 2022 - July 2023

Berlin, Germany

- Led implementation and design of algorithm for smart EV charging positioning it as the flagship feature that played a pivotal role in securing Series-A funding of 9M+ USD.
- Established a Data Science service to streamline data migrations, resulting in a 20% acceleration in the development of Tableau dashboards and Data Science processes.
- Optimized test pipeline through sharding, caching & parallelization to cut runtime down from 13 to 8 mins.
- Led implementation of pricing engine, enabling customized tariffs based on consumption from smart meters, and real-time electricity spot prices — positioned as the most significant USP of Ostrom.

Software Engineer (Backend)

Retailo

January 2022 - August 2022

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%.
- Designed and executed a custom architecture for distributed transactions across microservices, reducing the probability of data inconsistencies during failures by 80%.

Application Developer (DBMS, AWS & Azure)

IBM

April 2020 - January 2022

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, reducing manual intervention by 95%.
- 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.

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, Microservices, DSA, Git
Jira, Agile, TDD, Linux, Jest, Sentry, Jenkins, Github Actions, CI/CD, System Design
EC2, ECR, ECS, Lambda, S3, SNS, SES, SQS, Lambda, CDK, RDS, Athena, Glue

Certifications

AWS Certified Cloud Practitioner (CLF-C01), Azure Fundamentals (AZ-900)