

MAHAD AAMIR

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EXPERIENCE

Software Engineer

Meta (Monetization)

September 2024 - Current

London, United Kingdom

- Enabled partner teams to unlock 0.02% iRev (incremental revenue) by leveraging freshness quality signals.
- Scoped and drove 1.25 EYS (Engineering Years Saved) for H1'25 as team's BE (better engineering) champion.
- Contributed to 0.04% iRev through ads, sized from the development of ML features that drive performance on Meta's family of apps.

Senior Software Engineer (Backend)

Klarna (Card and Banking Domain)

August 2023 - August 2024

Berlin, Germany

- Led the architectural design and implementation of a high-performance risk and fraud banking decision engine, handling 10K+ requests per second with an SLA/SLO adherence under 300/100 ms.
- Designed a data pipeline for deposit data, supporting regulatory reporting with 10M+ records spanning 6 years.
- Setup CDC pipeline for 50K+ daily transactions from decisioning space to be ingested by reporting flows.

Software Engineer (Backend)

Ostrom (Seed)

September 2022 - July 2023

Berlin, Germany

- Led design and implementation of algorithm for smart EV charging, a flagship feature crucial for securing Series-A funding of 9M+ USD.
- Established a Data Science service to expedite data migrations, resulting in a 20% acceleration in development of Tableau dashboards and Data Science processes.
- Optimized test pipeline through sharding, caching, and parallelization, reducing runtime from 13 to 8 mins.

Software Engineer (Backend)

Retailo (Series-A)

January 2022 - August 2022

Islamabad, Pakistan

- Migrated 5+ monolithic modules to microservices, resulting in a 25% improvement in API response time.
- Overhauled core infrastructure services, including authentication and configuration, enhancing performance for a user base of 50K+.
- Designed and executed a custom architecture for distributed transactions across microservices, reducing data inconsistencies during failures by 80%.

Application Developer

IBM

April 2020 - January 2022

Islamabad, Pakistan

- Led the successful launch of 100+ multi-channel marketing campaigns including SMS, notifications, and email.
- Achieved a 95% reduction in manual intervention through automation of log ingestion for analysis workflow.

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, Jest, Sentry, Datadog, 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)