

# MAHAD AAMIR

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## EXPERIENCE

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### Software Engineer

Meta (Monetization)

September 2024 - Current

*London, United Kingdom*

- Led execution of a distributed LLM-based evaluation infrastructure, to measure advertisers' catalog quality with a \$1B+ TAM.
- Scoped and did opportunity sizing for quality indicators, serving as input to refine team roadmap for H2'25.
- Drove team initiatives for better engineering, saving 1.25 engineering years in H1'25.
- Led execution for freshness quality signals, unblocking 3 downstream partner team experiments.

### Senior Software Engineer (Backend)

Klarna (Card and Banking Domain)

August 2023 - August 2024

*Berlin, Germany*

- Led the architectural design and implementation of banking decision service, handling 10K+ requests per second with an SLA/SLO adherence under 300/100 ms.
- Built a regulatory-compliant data pipeline managing 10M+ financial records spanning 6 years.
- Developed export pipeline, consolidating usage of 50K+ daily transactions for decisioning/reporting flows.
- Designed reporting system to cover 100K+ customer accounts, meeting EU-level CESOP reporting guidelines.

### Software Engineer (Backend)

Ostrom (Seed)

September 2022 - July 2023

*Berlin, Germany*

- Architected and developed an EV smart-charging algorithm, a key feature in securing \$9M+ Series A funding.
- Implemented automated failover mechanisms for core API flows, leading to a 5% decrease in inbound inquiries.
- Optimized test pipeline through sharding, caching, and parallelization to cut runtime down from 13 to 8 mins.
- Established a Data Science service that accelerated analytics dashboard development by 20%.

### Software Engineer (Backend)

Retailo (Series-A)

January 2022 - August 2022

*Islamabad, Pakistan*

- Migrated 5+ core monolithic services to microservices, improving API response times by 25%.
- Led the revamp of authentication and configuration services, supporting 50K+ active users.
- Engineered custom architecture for distributed transactions system, reducing data inconsistencies 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.
- Implemented targeted marketing strategies to boost average revenue per user – reducing churn by over 30%.

## EDUCATION

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Bachelors of Science in Computer Science, COMSATS University

September 2015 - July 2019

## SKILLS

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### Technical Skills

JavaScript, TypeScript, Node.JS, Nest.JS, Python, SQL, NoSQL, Microservices, 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)