

MAHAD AAMIR

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PROFESSIONAL EXPERIENCE

Meta (Monetization)

London, United Kingdom

Software Engineer

September 2024 - Present

- Led infrastructure execution of an LLM-based quality evaluation framework for catalogs covering a \$50M+ TAM, enabling automation of quality labels across 100K+ catalogs and driving ~\$15M in annual OPEX savings.
- Enhanced the pre-onboarding QA funnel by introducing new LLM-based evaluation metrics, resulting in ~4% more low-quality catalogs being filtered out.
- Drove experimentation on freshness signals to assess their impact on ad performance – successfully unblocked 2 out of 3 key use cases within Monetization's strategic focus on improving performance through metadata.
- Identified 0.07% incremental revenue from feature exploration, serving as input to refine team roadmap for H2'25.
- Drove team initiatives for better engineering projects, saving an estimated 1.25 engineering years in H1'25.

Klarna (Card and Banking)

Berlin, Germany

Senior Software Engineer

August 2023 - August 2024

- Led the architectural design and implementation of banking decision service, handling 10K+ requests per second with an SLA/SLO adherence under 300/100 ms.
- Set up an ETL pipeline for deposit data, unblocking regulatory reporting for 10M+ records spanning 6 years.
- Developed an export pipeline consolidating 50K+ daily transactions to support decisioning and reporting flows.
- Designed a scalable quarterly reporting system covering 100K+ customer accounts, enabling Klarna to meet EU CESOP compliance across German and Swedish markets.

Ostrom

Berlin, Germany

Software Engineer

September 2022 - July 2023

- Architected and developed an EV smart-charging algorithm, a key feature in securing \$9M+ Series A funding.
- Engineered 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 minutes.
- Established a Data Science service that accelerated analytics dashboard development by 20%.
- Improved coverage by 40% and successfully reduced 50+ code smells, surpassing tech KPIs for 2022.

Retailo

Islamabad, Pakistan

Software Engineer

January 2022 - August 2022

- Migrated 5+ core monolithic services to microservices, improving API response times by 25%.
- Contributed to the revamp of authentication and configuration services, supporting a growing user base of 50K+.
- Executed custom architecture for transactions in distributed microservices, reducing data inconsistencies by 80%.
- Implemented standardization of logging and in-house API documentation, along with the implementation of monitoring suites, resulting in a reduction of cloud (AWS) spend by over 10%.

IBM

Islamabad, Pakistan

Application Developer

April 2020 - January 2022

- Launched 100+ multi-channel campaigns over SMS, notifications, and email targeting 2M+ customers weekly.
- Implemented targeted marketing strategies to boost average revenue per user, reducing churn by over 30%.
- Collaborated with the client to align business objectives and streamline development workflows, resulting in campaign runs generating 10K+ USD per week.

EDUCATION

COMSATS UNIVERSITY

Islamabad, Pakistan

Bachelor of Science in Computer Science

2015-2019

ADDITIONAL INFORMATION

- **Languages:** JavaScript, TypeScript, Python, SQL, NoSQL
- **Frameworks:** Node.js, Nest.js
- **DevOps & Cloud:** AWS (EC2, Lambda, ECS, CDK, etc.), CI/CD, GitHub Actions, Jenkins
- **Tools:** Datadog, Sentry, Jira, Git, Jest
- **Methodologies:** Microservices, Agile, TDD, System Design