MAHAD AAMIR

London, UK ⬦ +44 7470 663644 ⬦ iam@mhd3v.com ⬦ linkedin.com/in/mhd3v

EXPERIENCE

Software Engineer — September 2024 - Current
Meta (Monetization) — *London, United Kingdom*

- 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 enabled 2 out of 3 key use cases within Monetization's strategic focus on improving performance through metadata.
- Identified 0.07% incremental revenue from signal 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.

Senior Software Engineer — August 2023 - August 2024
Klarna (Card and Banking Domain) — *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.
- 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 risk assessment and reporting flows.
- Designed a scalable quarterly reporting system covering 100K+ customer accounts, enabling Klarna to meet CESOP compliance across German and Swedish markets.

Software Engineer — September 2022 - July 2023
Ostrom (Seed) — *Berlin, Germany*

- Contributed to securing $9M+ Series A funding by architecting and developing an EV smart-charging algorithm that optimized charging schedules using next-day energy spot prices.
- Developed backend for Ostrom's flagship SimplyDynamic tariff, enabling real-time pricing based on smart meter consumption and daily electricity spot rates.
- Engineered automated failover mechanisms for core API flows, leading to an estimated 5% decrease in inbound inquiries.

Software Engineer — January 2022 - August 2022
Retailo (Series-A) — *Islamabad, Pakistan*

- 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%.

Application Developer — April 2020 - January 2022
IBM — *Islamabad, Pakistan*

- 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

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

SKILLS

Languages & Frameworks	JavaScript, TypeScript, Node.js, Nest.js, Python, SQL, NoSQL
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