

MOHAMMAD AHTASHAM

Senior software engineer

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SUMMARY

Experienced Software Engineer with 4+ years of expertise in Django, React.js, AWS, and CI/CD. Proven ability to lead complex projects, including e-commerce platforms, microservice architectures, and payment system integrations. Strong background in DevOps and Developer Experience (DevEx) optimization. Adept at overseeing software upgrades, mentoring junior developers, and collaborating with global teams. Passionate about advancing web development and exploring artificial intelligence to drive innovation.

EXPERIENCE

Consultant

Greenely

03/2025 Remote

Senior Software Engineer

- Designed and implemented Celery powered pipelines and integrations to ingest electricity contract data from third party providers, automating user and contract creation, cutting manual onboarding efforts.
- Designed robust sync and backfill jobs, pulling data from back office system and real-time meters to update consumption and production data on both hourly and daily cadences for ~50,000 active customers.
- Managed end-to-end third-party retail integrations and built telesales automation workflows to streamline sales operations
- Automated core support processes by integrating Intercom and Typeform APIs, cutting backend manual support tasks by ~30%.

Senior Software Engineer

Arbisoft PVT. LTD

07/2021 - 02/2025 Remote

Lead Developer

- Led the successful integration of Stripe, PayPal, and digital wallets into a seamless, new checkout experience, improving payment flexibility and enhancing user conversion rates
- Led a team of 5 engineers in delivering Phase 1 of the edX marketplace re-platforming, achieving zero post-launch bugs.
- Designed and implemented scalable microservice for subscriptions, which opened a new revenue stream for edX, driving an increase of \$50K in monthly purchases within the first month post-launch.
- Spearheaded performance optimizations by reducing redundant API calls on the checkout page, improving page load times by 70%. This enhancement resulted in increased traffic and higher order conversion rates, significantly boosting user experience and sales performance.
- Proposed and implemented new architectural solutions for business-specific code within the open-source codebase, reducing security vulnerabilities and enhancing overall system integrity.
- Coordinated with global, cross-functional teams across 4 time zones, ensuring alignment on project deliverables and resolving technical challenges efficiently.
- Mentored 4 junior developers, helping them transition into independent contributors and take on increased responsibilities
- Enhanced DevEx by automating manual processes, reducing edX devstack setup times by 50%

SKILLS

Django ReactJs Python NextJs

Ecommerce Paypal Stripe

Commercetools CI/CD

Github Actions AWS DataDog

Splunk OneTrust Microservices

Braze Segment GA4 Unit tests

Leadership Celery Intercom

EDUCATION

Bachelor of Science in Software Engineering

PUCIT, Punjab University Lahore

09/2017 - 06/2021

FSC. Pre Engineering

Govt. Islamia College Civil lines Lahore

2015 - 2017

CONFERENCES

OpenedX Conference 2025

2025 Remote

Talk

- Extending OpenedX codebase beyond the core

DjangoCon US

2024 Remote

Remote Talk

- Identifying and Taming N+1 Queries

PyCON Pakistan

03/2024 LUMS, Lahore Pakistan

Workshop

- A practical guide to Dependency upgrades in Python