

Haffi Mazhar

[LinkedIn](#) | 07445980261 | haffimazhar96@gmail.com | [Github](#) | haffi.dev

Skills

- Python | FastAPI | AWS Lambda | GraphQL | DynamoDB | PostgreSQL | Typescript | Go | Node | Git | Github Actions
- Docker | Serverless | AWS CDK | AWS AppSync | Kubernetes | RQ | RabbitMQ | Linux | Perf-testing | CI/CD
- Stripe | Auth0 | RevenueCat
- Microservices | Serverless | Distributed Systems | Backend | Frontend | Infrastructure - *All professional proficiency*

Experience

Backend Python Developer

[Move.ai](#)

10/2023 - Present

- **Product Development:** Involved in designing and building new internal services for a multi tenant SaaS Product. Utilised my skills in FastAPI, AWS Lambda, DynamoDB, Stripe, Auth0 and Github Actions.
- **Customer value:** Prioritising unblocking or fixing bugs directly relating to platform onboarding. An example of this was quickly fixing a platform payment process to ensure a smooth product launch on time. This resulted in smoother customer acquisition on launch.
- **Ownership:** Took full ownership of and delivered several key features. Cross AWS account IAM authentication, DynamoDB data migration to unblock multi tenant features, implemented automated tests into CI/CD pipeline, upgraded all internal microservices to Python3.11.
- **Automated-testing:** Delivered a method to be able to do automated testing across all of our internal services as part of the CI/CD pipeline.

Backend Python Developer

[Bink](#)

01/2022 - 10/2023

- **API Development:** Involved in designing and building new APIs with the goal of meeting retailer specific business requirements for an out of the box solution for digital loyalty schemes. Utilised my skills in FastAPI, Postgres, Redis, RabbitMQ as part of this development.
- **Retailer launch:** Responsible for developing and deploying features which resulted in 10,000s of vouchers being issued to customers as part of ASOS retailer launch of this product.
- **Internal tools:** Developed improvements to internal tools used to automate developer activities, leading to better productivity across the team. This included building database population scripts for easier performance testing.
- **Supporting team members:** Frequently requested by others to support the wider development team with debugging issues, including identifying the root cause and designing technical solutions to resolve these issues.
- **Automated testing:** Responsible for onboarding a new member to the team for QA. Led the effort on improving tooling and build processes used for automated testing.

Software Engineer - Performance

[Sky](#)

09/2021 - 12/2021

Associate Performance Engineer

[Sky](#)

11/2019 - 09/2021

- **Sky Identity Platform:** Focused on ensuring optimal performance and resource usage of Sky's identity platform which has reached spikes of up to 10 million concurrent users.
- **Peacock Streaming Service:** Worked on resilience improvements to the identity platform to enable usage for NBCUniversal's customer base for the launch of its new streaming service.
- **Developing new framework:** Responsible for developing features which added capabilities to **sky's in-house performance testing framework**, to be used on applications ranging from traditional backend microservices to messaging focused (RabbitMQ consumers) for volumes of up to 15 million concurrent users. Maintained the platform and developed cutting edge solutions and concepts relating to chaos engineering and failover testing.
- **Performance:** Based on the metrics from testing. Responsible for taking appropriate actions, such as scaling up deployment services, resource allocation, and load balancing, to improve the performance of web requests.

Education & Certifications

Udemy: [Fundamentals of Database Engineering](#) 12/2022

University of Leeds: MSc - Engineering, Technology and Business Management 2018-2019

University of Nottingham: BEng - Mechanical Engineering 2015-2018