

PROFILE

I am an engineer with over five years of professional experience in the industry, with my most recent role being a back-end engineer for the employee recognition platform Mo. In all my roles I have never been afraid of a challenge, and I love to embrace new responsibilities while continuing to deliver as part of cross-functional product engineering teams. I have filled a number of roles, ranging from dedicated back-end engineering, to full-stack and platform, gaining experience across the entire modern software engineering stack, from web-apps to internal tooling. In addition to technical roles, I have also embraced non-technical responsibilities, such as line management within organisations, and mentoring as an extra-curricular activity; I love to get involved in all parts of a project, to improve ways of working and help to build efficient & highly-skilled teams.

EMPLOYMENT HISTORY

Mo, London (Remote) — *Backend Engineer – GoLang, TypeScript, gRPC, PostgreSQL, AWS*

November 2023 – October 2024

- Backend engineer for Mo's platform, working in GoLang to develop new features with Product liaison, resolve bugs and improve processes & tooling; work for the Mo platform involved developing new features in the Go microservice codebase, and migrating existing features from the legacy monolithic Ruby codebase.
- Led development on the *Mo for Slack* app, allowing a user to interact with the Mo platform in Slack; present for all three stages of the Agile lifecycle: investigating available tool options and outlining work requirements; developing the bot to integrate with the Slack API and with the Mo estate simultaneously; deploying the bot into production for customers to use, and liaising with customer support representatives to ensure a smooth roll-out with user-facing documentation & guidance.
- Led the implementation of the Merge API for synchronising our customer & user records with customer HRIS systems, improving the customer & employee experience integrating Mo with existing systems.
- Participation in & contribution to typical Agile ceremonies, and contribution to product design sessions, collaborating with other engineers, product owners & higher-level management to steer the direction of the platform & app.

Awaze Vacation Rentals, Manchester — *Software Engineer – GoLang, SnowflakeDB, SQL Server, AWS*

May 2023 – September 2023

- Software stack included GoLang, Terraform and Docker, leveraging AWS services such as ECS & ECR, Lambdas and SNS & SQS.
- Development on the Awaze microservice platform, providing travel & accommodation services across a range of brands.
- Co-led development on building a “universal connector”, integrating a Snowflake DB with an IBM AS/400 legacy database system to enable faster data retrieval for the modernising platform.
- Regular contributor to Agile ceremonies & product development sessions.

Peak AI, Manchester — *Software Engineer – TypeScript, React, AWS, DynamoDB (NoSQL)*

August 2022 – February 2023

- Member of ‘Platform’ engineering team, tasked with development of the internal-facing Peak Platform suite of products for use by data scientists & engineers. Platform teams are responsible for front-end, back-end & platform code & deployments.
- Developing web app front-ends in React, back-end APIs and services in TypeScript, and deploying services to AWS using Terraform.
- Led development on integrating the Peak Platform with Salesforce CRM to improve logical associations between customers & their resources within the estate, enabling better monitoring of resource usage & improving billing and revenue tracking.
- Regular contributor to Agile ceremonies and product development sessions; also led introduction of Technical Workshops, encouraging engineers to share technical skills to improve engineering team-wide.

BJSS, Manchester — *Software Engineer, Test Engineer*

September 2018 – August 2022

Online Gaming (Software Engineer) – **March 2020 – November 2021** – GoLang, SQL Server

- GoLang-based project: consisting of numerous microservices, crossing a range of requirements and varying specifications, including region-specific rules to enable operation of product & services internationally.
- Part of Responsible Gambling team: building tooling for users to self-select restrictions on their usage of the platform; built new controls for self-selecting spending limits; integration with regional KYC registers in accordance with gambling regulations to allow users to completely restrict their access to the platform.
- Analysis of existing services in order to help product specification for their re-building in the GoLang estate (from DotNet), providing documentation for other engineers to follow.

Equity Release (Test Engineer) – **September 2018 – March 2020** – DotNet, Azure, Cucumber

- Member of automation testing team for an equity release platform, expanding the automated test suite in DotNet using BDD (Cucumber).
- Enabled automation test suite to run at deploy-time automatically leveraging Azure DevOps.
- Regular contributor to Agile ceremonies.

SKILLS

Programming Languages: GoLang, JavaScript/TypeScript

Frameworks: React, Angular

API Protocols: gRPC, REST

Virtualisation: Docker, Kubernetes, Proxmox, Oracle VirtualBox

Databases: PostgreSQL, MS SQL Server, MongoDB, Snowflake DB

Cloud Platforms: AWS, Azure, GCP (and IaC)

Operating Systems: Linux (Fedora, Debian & CentOS), MacOS

Business & Project Management: Agile Development Practices, Scrum

Soft Skills: Line Management, Mentoring

EDUCATION

Lancaster University — *BA (Hons) English Language, Literature & Writing - (Upper Second-Class Honours)*

September 2012 - July 2015

Azure Certifications

Azure Fundamentals (AZ-900)

EXTRA-CURRICULAR

CodeAndStuff – Volunteer Mentor

Providing technical & practical expertise & advice to women & non-binary people from non-technical backgrounds, interested in entering the IT industry.