

EXPERIENCE

Beamery

Oct 2021 – Present

Backend Engineer - Feb 2023 - Present

Junior Backend Engineer - Jan 2022 - Feb 2023

Software Engineering Trainee - Oct 2021 - Feb 2022

- Maintaining and extending a suite of APIs, including the migration to newer services and ensuring feature parity.
- Implementing and supporting the migration of our existing authentication flow to OAuth
- Supporting the refactoring of access control used within the product
- Writing scripts for implementing data change requests and automation
- Load testing with K6
- Improving observability with dashboards and alerting using Observe/Grafana/Prometheus
- Participating in weekly support rotation (acting as first responder for team questions, triaging bugs, monitoring)
- Joined internal group to champion security across the company

Sykes Digital Services (formerly Symphony Ventures)

Nov 2018 – Sep 2021

Robotics Process Automation Consultant

- Following Agile methodologies to develop four unattended automations using UiPath for a multi-national courier company. One of which enabled a savings of £25,000 over a period of 3 months. ~10 FTE savings across the other three solutions.
- Supporting Service Delivery team in maintenance and enhancement of existing RPA solutions
- Working within a scrum team to implement multiple processes using UiPath for a BPO company. One of the first live robots for new CoE, working in an Agile environment.
- Contributing to the growth of CoE, creating documentation of best practices, PoCs and mentoring newer developers.
- Oversaw development of a web-based complexity estimator to improve efficiency in determining process suitability.
- Enhancing suite of tools by aiding development of a NICE accelerator, built in C# and front-end design with VueJS.

EDUCATION

University of Manchester, MEng Chemical Engineering

Sep 2014 – Jul 2018

Dissertation: Infrared Spectral Pathology: The Influence of the Glass Substrate on Tissue Classification and Implications for Clinical Translation

Overall Mark: First Class

TECHNICAL SKILLS

Languages: Typescript/Javascript

Frameworks and libraries: Express.js, Node.js, Nest.js, Jest, Mocha

Tools: Github, Gitlab, JIRA, Docker, Kubernetes, MongoDB, Postgresql, Grafana, Observe, Prometheus, GCP