

PROFILE

I am a dedicated and hardworking student currently studying for my BSc Computer Science. I have hands-on experience in DevOps through my placement year as a Junior DevOps Engineer which has provided me with concrete fundamentals of the DevOps practice, I'm now seeking to further my career in IT and the DevOps practice.

EDUCATION

BSc(Hons) Computer Science

2023-Present

Classification: 2:1

A-levels: Computer Science, Psychology, Mathematics

2021-2023

10 GCSEs including Computer Science, Mathematics and Physics

SKILLS

Supporting Linux Operating Systems

- Monitored the health of Linux servers through Nagios which provides specific alerts for the different services running on the machines which would then be connected to for further investigation
- Updated and removed software from Linux machines as part of the operations at HMLR
- Cleared drive space from Linux machines following low storage alerts

Software Development

- Co-lead development on a POC for an internal AI platform for HMLR using python microservices which were orchestrated by Kubernetes as Docker images
- Utilised method decorators to force RBAC or token authentication on different routes within the microservices of the AI platform

Containers and Orchestration

- Containerised microservices with Docker to standardise the application environment, preventing issues across devices
- Utilised Git and Docker to orchestrate a shared development environment as part of the AI platform so that our most recent changes would be synced between people's devices running as Docker images to support faster delivery

Infrastructure as Code

- Wrote Helm charts to orchestrate different environments for the microservices inside of the AI platform proof of concept, ensuring that each environment has its relevant variables and versions
- Assisted in setting up additional monitor for a Linux machine by writing puppet that checks the health of Keepalived
- Created Jenkins jobs to automate deployments to lower regions based on Git branch

Configuration as Code

- Experience in understanding and writing Terraform to provision and upgrade resources on AWS
- Upgraded service team RDS instance to graviton using terraform which saw a 20% increase in performance
- Wrote terraform to migrate a Redis instance from an old AWS account in a different region to the production account where the rest of the production Redis instances were hosted in the correct region

Continuous Integration

- Utilised a deployment pipeline as part of the AI platform to register updates to the main branch of the microservice repositories which would then push the changes through to the integration and preview environments
- Investigated Jenkins pipeline issues to support Service teams in testing their future application releases
- Attended application releases at HMLR to monitor deployment progress and investigate any failures

Version Control

- Used Git to maintain version control in all my university modules and professional work, ensuring I adhere to the conventional practices for committing and branch control
- Used Git tags to maintain application versions to be deployed, following tagging conventions to make it clear what type of application update was being deployed
- Worked in a professional environment utilising branches and merge requests to maintain version control between different test environments

Team collaboration

- Held daily standups as part of development for an AI platform to delegate tasks and support other members of the team with their workload
- Worked closely with colleagues as part of the WebOps team in HMLR, holding daily meetings to discuss our workload and monthly retrospectives to reflect on how we were doing as a team for the previous month
- Supported the onboarding process of new team members, providing process demonstrations and being on-hand for any queries they had

Agile Working

- Supported a service team as part of my role in HMLR, holding daily standups and following a two-week sprint schedule for application releases
- Attended daily standups as part of the WebOps team in HMLR to share updates on our workload and support team members who needed assistance with their tasks

WORK EXPERIENCE

HM Land Registry

Plymouth, United Kingdom

Junior DevOps Engineer

09/2025 - Present

- Worked with cloud providers such as AWS and OpenShift to support and maintain the organisation's infrastructure
- Supported a service team to attend deployments and investigate live incidents which aided an 80% decrease in the peak CPU utilisation on one of their databases
- Developed a proof of concept for an internal AI platform as part of a small team tasked with exploring the possibility of AI access across the organisation
- Acted as secondary and primary duty tech, monitoring our teams support channels and server health dashboards to act on any requests or server alerts
- Prototyped a Kubernetes cluster Grafana dashboard to monitor cluster wide metrics, enhancing the accessibility of any alerts or user queries to do with cluster performance

R2 Electrical LTD

Puddletown, United Kingdom

Website Manager

12/2023 - Present

- Enhanced front-end development skillset by designing a website through a hosting service provider and then developing one from scratch with HTML and then Next.js.
- Established an online presence for the business expanding its customer reach and discoverability with a globally accessible website presenting the business information.

Tesco PLC

Dorchester, United Kingdom

Customer Assistant

08/2021 - Present

- Provided excellent customer service and contributed to the positive atmosphere of the store by treating every request as a priority
- Demonstrated effective communication and teamwork skills during high-traffic periods by directing colleagues who needed assistance and managing the flow of customers
- Gained experience in problem solving and how to effectively communicate with customers.

VOLUNTARY EXPERIENCE

Londis

Puddletown, United Kingdom

COVID-19 Volunteer

03/2020 – 06/2020

- Managed crowd control and helped customers understand COVID safety guidelines.
- Strengthened communication skills through interactions with people during a distressing time.

Pamushana-Emthunzini

Harare, Zimbabwe

Community Volunteer

04/2019

- Assisted with community development projects, including fundraising and empowering women to work.
- Gained organisational experience through raising funds for the mission through events such as a charity auction and sponsored walks.

AWARDS AND ACHIEVEMENTS

First Aid Certified

12/2025

- I completed a First Aid at Work course with HMLR to become a certified first aider.

Brown Belt Goju-Ryu Karate

12/2022

- I achieved my 3rd kyu in karate shortly before my A-level exams.