



Jack Newbury

DEVOPS ENGINEER

Profile

Experienced DevOps engineer with a passion for learning new and exciting technologies. Equipped with a diverse skill set and proficient in various cloud platforms and languages. Well-versed in the latest trends and tools in automation and IaC. Able to effectively self-manage during independent projects and collaborate as part of a productive team.

Employment History

DevOps Engineer, Citi Bank, London - Contract

NOVEMBER 2022 — PRESENT

- Implement a business sector-wide multiregional monitoring solution capable of handling the throughput that all applications within the sector send to the system.
- Migrate from legacy VM and bare metal deployments into K8S to help with redundancy and ease of management and deployments.
- Migrate the team from OpenShift templates to helm charts. This will better handle rollbacks of deployments and enable an easy deployment workflow for the team.
- We are in the process of a large data center migration from 1 AZ to another. This is a requirement, and due to the criticality of the applications we run, there can be 0 downtime.

Lead DevOps Engineer, NewsUK, London - Contract

NOVEMBER 2021 — JUNE 2023

- I joined the publishing systems department to help drive the best DevOps practices across all teams.
- I implemented the team's first CI/CD pipeline to facilitate the delivery and testing of a Tier 1 application for the business.
- Conducted training sessions on the tools used to build the CI/CD pipeline and deploy the application.

DevOps Engineer, Amido, London

NOVEMBER 2020 — NOVEMBER 2021

- Led a project for a new client to prepare the initial implementation of the CI/CD pipeline (Azure DevOps) so that all tests and Terraform configurations could begin working.
- Helped productionise the core applications for another client project, enabling the solution to be presented to key stakeholders.
- Learned Azure DevOps for the first time during a project and quickly got up to speed on how it works and how to integrate with other key Azure services (via Azure CLI) to ensure the pipeline functions optimally.
- Currently building the Terraform and CI/CD pipeline to deploy a new application for an IDAM solution on AWS, which will run on EC2 instances.

DevOps Engineer, NewsUK, London - Contract

JULY 2021 — OCTOBER 2021

- I was brought into the organisation to ensure that the correct tagging policies are applied to all the IaC repositories used across the organisation.
- Added new tags to all infrastructure to help manage cloud spending in AWS across the organisation.

Senior DevOps Engineer, Huntswood, Reading

MAY 2020 — NOVEMBER 2020

- Created a new service offering for financial clients to leverage in AWS.
- Built this service using core AWS services and deployed it automatically with CI/CD pipelines and Terraform within Jenkins.
- Up-skilled the team on Terraform best practices and pipeline design.
- Designed a new on-premises Kubernetes environment to enable the migration of legacy applications.
- Provided 24x7 support for existing on-premises data center hardware.
- Configured additional metrics and logs for onsite monitoring via Site24x7 and Grafana.
- Created scripts for the team and scheduled tasks using PowerShell and Python.
- Managed the current Azure estate and performed upgrades and configuration changes as needed.

Backend Developer, Federos, Bracknell

SEPTEMBER 2019 — MAY 2020

- Built the first microservice written in Golang for the product, which was used as the baseline/template for all future services and the rewriting of existing services.
- I up-skilled the team in their understanding of Docker containers and Kubernetes and the build and deploy processes associated with them.
- Created the first Kubernetes cluster for the application to run on, which was transitioned into the development environment.

DevOps Automation Engineer, Huntswood, Reading

FEBRUARY 2019 — SEPTEMBER 2019

- I have installed and configured all CI/CD tools for the IT team to use for day-to-day tasks.
- Implemented numerous scripts and consolidated a lot of manual tasks into jobs within the CI/CD pipeline.
- We transitioned the server build process to Terraform and Ansible, making it easily deployable and maintainable.
- Up-skilled the team on the new tools and systems in place.
- I deployed a new logging and monitoring solution for 24x7 monitoring and paging using Grafana, Prometheus, Zabbix, and the ELK stack.

Software Support Engineer, Federos, Bracknell

JULY 2018 — FEBRUARY 2019

- Handled all support for a significant client in the UK and deployed our software solution with high availability to manage all monitoring and metrics for the client.
- Supported clients with technical resources, contributing to sales success.
- Cultivated and maintained up-to-date industry and technical knowledge in all related fields to better solve customer issues.
- Assisted with the core product's quality assurance (QA) during new releases.

Data Center NOC Technician, Simply Hosting LTD, Reading

JANUARY 2018 — JULY 2018

- I developed a PHP web application that allows NOC staff to shred/wipe all HDDs across all servers as needed without requiring manual intervention on the servers themselves.
- Created and maintained several Bash scripts for the NOC team to use daily, helping to save time on frequently repeated tasks.
- Started work on developing a virtual data centre diagram that provides NOC staff with accurate knowledge of what is in place in each rack and where a specific server is located within the data centre.
- Cultivated and maintained up-to-date industry and technical knowledge in all related fields to better solve customer issues.

2nd Line Technical Support, Names, Worcester

SEPTEMBER 2016 — JANUARY 2018

- Provided outstanding technical support to clients.
- Handled an average of 70-100 tickets per day across all brands.
- Administered all internal SSL certificates and deployed customer SSL certificates onto the shared hosting platform.
- Worked alongside the dedicated server team and assisted with upselling opportunities.

Technical Filter Engineer, Qcom, Droitwich

SEPTEMBER 2013 — MARCH 2016

- Managed Level 1-3 support on the service desk for all customers and partners of Zebra in the EMEA region.
- Fielded all onsite engineer requests to see if I could resolve them over the phone, eliminating the need for an engineer to attend the site.

Education

**High School, Baxter College, Kidderminster Level 3 Subsidiary
Diploma ICT, Worcester Polytechnic Institute, Worcester Level 3
Apprenticeship ICT & Networking , Baltic Training, Co Durham ,
Worcester**

Courses

Safe Agile Framework Training, Radtac

MAY 2021 — MAY 2021

**Zebra Thermal & Card Printer Repair Engineer, Zebra
Technologies**

References

References available upon request