

# Daniel Booth

DevOps Engineer

## 👤 Profile

In my fourth year as a DevOps Engineer, I have implemented DevOps and Infrastructure solutions on different Cloud platforms, including Azure and AWS, utilising Kubernetes, Blockchain and AI technologies. In addition, I have led the migration of workloads between platforms as part of the design and implementation of a modernised cloud strategy, thereby increasing agility whilst reducing costs.

## 📁 Employment History

### DevOps Engineer at IBM

March 2021 — July 2024

Working in fully agile environments, I've utilised popular DevOps tools, including Terraform and Docker. Additionally, I have worked and performed as a team lead on Proof of Concept for clients in the public, financial, and logistics sectors and assisted in successfully producing and presenting client deliverables. I have extensive experience creating greenfield pipeline solutions leveraging DevOps principles to enhance developer workflows.

- Configured and managed Kubernetes and Openshift clusters to ensure high availability and scalability of applications
- Creating and maintaining fully automated CI/CD pipelines, enabling automated testing and providing rapid feedback to developers
- Engineered workflows (IBM CP4D, IBM Transparency Supply) to manage the execution of data pipelines and enable AI/Blockchain-enhanced systems, uplifting supply-chain management products for various clients across multiple industries
- Leading multidisciplinary teams to perform successful technical implementation and delivery to clients
- Managing, provisioning, and monitoring cloud infrastructure using infrastructure-as-code and Git-Ops principles leading to increased deployment speed and frequency
- API testing and documentation ensuring the integrity and orchestration of microservices
- Establishing and implementing end-to-end migration strategies with clients resulting in streamlined transitions, reduced downtime, and enhanced operational efficiency
- Managing relationships with beneficiaries and stakeholders promoting trust, increased collaboration, and successful project outcomes
- Knowledge sharing and training colleagues fostering collaboration, enabling skill development, and improving overall team performance

## 🎓 Education

Level 3 BTEC Extended Diploma in Information Technology, West Suffolk College

Level 4 DevOps engineer, IBM

## Details

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## Skills & Certifications

Git

Kubernetes/Openshift

Scripting (Python/Bash)

Automation (CI/CD)

Docker

Terraform (IaC)

Ansible

Agile Software Development

Blockchain

Linux

Amazon Web Services

Microsoft Azure

HashiCorp Certified:  
Terraform Associate

AWS Certified Cloud  
Practitioner

IBM Certified Advocate - Cloud