

# Daniel Booth

DevOps Engineer

☎ [+44 7418 600932](tel:+447418600932) @ [mail@danielbooth.cloud](mailto:mail@danielbooth.cloud) 🌐 <https://danielbooth.cloud>

## ◦ Skills ◦

### Cloud & Infrastructure

**AWS Services:** EKS, EC2, ECS, Lambda, Fargate, CloudFormation, S3, Route53, IAM

### Container Orchestration:

Kubernetes, OpenShift, Docker Swarm, Docker Compose

**Infrastructure as Code:** Terraform, Terragrunt, GitOps, Atlantis

**Linux:** RHEL, Ubuntu, Alpine, Security & Access Control

### DevOps & CI/CD

**Pipeline Tools:** Jenkins, GitLab CI/CD, GitHub Actions, ArgoCD, Tekton

**Configuration:** Ansible, Helm, Automated Testing & Validation

**Version Control:** Git, Release Management, Code Review Standards, Hooks

**Monitoring:** Prometheus, Grafana, Loki, Splunk, Health Checks

### Programming & Development

**Languages:** Python, Go, Bash, Groovy, Shell Scripting

**Automation:** ETL Scripts, Matrix Builds, Pipeline as Code

**Testing:** Unit & Integration Testing, Load Testing, Mock Testing

**Methodologies:** Scrum, SAFe, Agile Development

### Security & Performance

**Security:** Zero Trust Architecture, Infrastructure Hardening

**Networking:** API Gateways, Service Mesh (Istio), Load Balancers

**Performance:** SRE Practices, Chaos Engineering, Auto-scaling

**Optimization:** Latency Reduction, Throughput Optimization

## ◦ Qualifications & Certifications ◦

### West Suffolk College

Information Technology  
Level 3 BTEC Extended Diploma

### IBM

DevOps Engineer  
Level 4

### Hashicorp

Terraform Associate  
Certificate

### AWS

Cloud Practitioner  
Certificate

### IBM

Cloud Advocate  
Certificate

## Summary

Experienced DevOps engineer with nearly half a decade of expertise in designing and implementing enterprise-scale cloud solutions across AWS and other cloud platforms. Proven track record of leading digital transformations for clients in financial, public, and logistics sectors, specializing in containerization, infrastructure automation, and cloud-native architectures. Successfully delivered multiple large-scale cloud migrations and modernization initiatives, reducing operational costs while increasing deployment frequency and reliability. Adept at bridging technical and business requirements to drive measurable improvements in client delivery pipelines and infrastructure efficiency. Strong background in mentoring client teams through DevOps adoption and building robust CI/CD practices. Demonstrated expertise in implementing security-first approaches and compliance frameworks while maintaining agile delivery methods.

## Experience

### Betfred

Platform Engineer  
Manchester, UK

**Oct'24 - Jan'25**

Implemented enterprise-wide platform modernization initiatives, delivering significant improvements in reliability and scalability through complex infrastructure migrations across hybrid cloud environments

- Designed and executed comprehensive cloud and on-premises service deployments leveraging AWS and VMware, managing a fleet of 200+ production workloads

- Established robust backup and disaster recovery protocols, reducing service interruption incidents by over 2%

- Proactively maintained complex service infrastructure through infrastructure-as-code practices, enabling reproducible, version-controlled deployments while ensuring continuous performance optimization

### IBM

DevOps Consultant  
United Kingdom

**Mar'21 - Jul'24**

Spearheaded end-to-end cloud migration strategies for enterprise clients, resulting in zero-downtime transitions and a 15% reduction in operational costs

- Led multiple Proof of Concept projects for clients across public, financial, and logistics sectors, successfully delivering enterprise-scale DevOps transformations leveraging Terraform, Docker, Kubernetes, and agile development practices

- Engineered award-winning AI and Blockchain-enhanced workflows (IBM CP4D, IBM Transparency Supply) to revolutionize supply-chain management systems, improving operational efficiency for multiple Fortune 500 clients

- Led technical bid presentations and proof-of-concept implementations for a major UK bank, securing a £4M DevOps transformation contract

- Architected and deployed high-availability Kubernetes and OpenShift clusters, establishing standardized deployment patterns, reducing build and deployment time by 60%

- Led cross-functional teams in implementing automated CI/CD pipelines and GitOps practices, reducing manual configuration by 80% and increasing deployment frequency from monthly to daily releases while ensuring API reliability across distributed microservices

- Developed and delivered DevOps training programs for IBM consultants and client apprentices, creating hands-on workshops and mentoring frameworks that accelerated technical capabilities in cloud platforms, CI/CD, and infrastructure automation

- Established DevOps best practices and governance frameworks for multiple client organizations, improving development velocity while maintaining security compliance

## Interests

- Enthusiastic trail cyclist and hiker. Enjoy reading and maintaining a home lab environment for experimenting with emerging technologies.

## References

- **References available upon request**