

Benjamin Cooper

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Cloud Engineer with hands-on experience designing, automating and supporting secure AWS cloud infrastructure using Infrastructure as Code, DevOps practices and cloud-native technologies. Experienced in building scalable AWS environments with Terraform, implementing CI/CD pipelines, strengthening cloud security, improving observability, and automating operational processes using Python. Bringing over 10 years of commercial experience delivering business-critical solutions across finance, operations and technology, I combine strong technical capability with excellent stakeholder management, analytical thinking and problem-solving skills. I have successfully designed cloud architectures, automated infrastructure deployments, implemented monitoring solutions, optimised cloud costs, and improved operational resilience through modern engineering practices.

Experience

AWS Cloud engineer: BKS September 2022 – April 2026

- Designed and maintained AWS cloud infrastructure supporting secure, scalable and highly available environments aligned with business requirements.
- Automated application deployment workflows using AWS CodePipeline and AWS CodeBuild, streamlining CI/CD processes and reducing deployment times by approximately 40%.
- Provisioned and managed cloud infrastructure using Terraform, enabling repeatable, version-controlled deployments across AWS environments.
- Configured Amazon CloudWatch dashboards, alarms and log monitoring to improve infrastructure visibility and enable proactive identification of operational issues.
- Implemented automated notifications using Amazon SNS, improving response times for operational events and infrastructure alerts.
- Designed secure networking solutions using Amazon VPC, Security Groups and IAM policies, applying least-privilege access principles and strengthening the organisation's security posture.
- Configured Amazon RDS Multi-AZ deployments to improve application resilience, reduce planned maintenance disruption and support high availability.
- Implemented Amazon S3 Cross-Region Replication to enhance disaster recovery capabilities and improve resilience for business-critical data.
- Optimised AWS costs through the use of Reserved Instances and AWS Budgets, helping monitor cloud expenditure and improve cost efficiency.
- Configured AWS WAF to protect internet-facing applications against common web exploits, including SQL injection and other application-layer threats.
- Implemented Amazon EFS shared storage to support applications requiring scalable, shared file systems across multiple compute instances.
- Collaborated with business stakeholders to understand technical requirements and deliver cloud solutions that aligned with operational objectives.
- Investigated infrastructure issues, performed root cause analysis and supported the ongoing stability and performance of cloud environments.

Technical Administrator: PCS September 2021 – August 2022

- Administered user identities and access permissions using Microsoft technologies while supporting secure authentication and authorisation practices.
- Supported secure cloud backup solutions using Amazon S3, helping improve data protection and disaster recovery readiness.
- Assisted with IAM policy administration and access management, supporting least-privilege security principles.
- Implemented endpoint security measures including antivirus software and operating system updates to reduce security risks.
- Managed SharePoint permissions and Conditional Access policies to improve information security and data governance.
- Installed and maintained Windows operating system updates, reducing support incidents through proactive maintenance.
- Diagnosed and resolved technical issues across user devices while maintaining a high level of customer service.
- Produced technical documentation to support operational processes and improve knowledge sharing across the business.

Operations Assistant: Biffa March 2020 – August 2021

- Processed delivery orders using Excel to track each vendor's performance (metrics include - weight, time, date, frequency).
- Coordinated multi-departmental meetings with MS Teams, to review KPI's, set action plans, and create SMART objectives.

- Worked effectively with internal and external stakeholders to resolve operational issues and maintain service delivery.
- Used Outlook to track client inquiries, inform management of emergency issues, arrange site visits and relay information to external and internal stakeholders.

Junior Forex Trader: City Investment Solutions – March 2019 – March 2020

- Automating trading sheets, building macros, and organizing large financial datasets
- Keeping a close eye on live digital systems, data feeds, and execution speeds to prevent errors.

Equities Trader: Integritan Financial – Jan 2016 – Feb 2019

- Testing models against historical data to evaluate system performance and software reliability
- Managed trading permissions and execution rights.

Property Management Assistant: Portland brown – April 2015 – Dec 2015

- Processed rent collections, lease renewals, and maintenance work orders, ensuring accurate records and timely follow-through across all properties.

Retail Assistant: Hawes & Curtis – August 2014 – March 2015

- Provided personalized product recommendations and resolved customer inquiries, enhancing the overall shopping experience.

Education

University of Birmingham

Marketing Management

Sept 2011 – Jul 2014