JULIAN MERCER

CLOUD ENGINEER

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PROFESSIONAL SUMMARY

Cloud Engineer with 5+ years designing and operating AWS environments for enterprise and retail workloads. Builds secure, cost-aware infrastructure, leads migrations from data centres, and documents landing zones that application teams can adopt quickly.

CORE SKILLS

AWS | Terraform | CloudFormation | IAM and security groups | VPC networking | EC2 and ECS | RDS and S3 | Cost optimisation | Cloud migration | CloudWatch | Python | Linux | PowerShell | Disaster recovery | Azure basics

PROFESSIONAL EXPERIENCE

Cloud Engineer Mar 2022 - Present
Amazon Web Services, Seattle, WA

- Designed multi-account AWS landing zones with Control Tower and IAM guardrails, letting new teams onboard in one day instead of two weeks.
- Migrated 35 customer workloads from on-premises VMware to EC2 and RDS, keeping cutover downtime under 30 minutes each.
- Cut monthly cloud spend by roughly 22% for a retail customer through Savings Plans, rightsizing, and storage tiering with S3 lifecycle rules.
- Wrote CloudFormation and Terraform modules for VPCs, load balancers, and ECS services that eight delivery teams reused in production.
- Presented architecture reviews to customer CTOs and security leads, resolving 40 Well-Architected findings across reliability and security.

Cloud Infrastructure Engineer Jun 2019 - Feb 2022
Accenture, Chicago, IL

- Built hybrid connectivity with Direct Connect and site-to-site VPN for a manufacturing client, reaching 99.95% network availability.
- Automated backup and disaster recovery for 60 databases with scripts and AWS Backup, meeting a four-hour recovery objective in tests.
- Implemented CloudWatch dashboards and alarms that reduced mean time to detect infrastructure faults from 25 minutes to about eight.
- Documented runbooks and trained a 12-person support team to handle common operational tasks without escalation.

Systems Administrator Aug 2017 - May 2019
CDW, Vernon Hills, IL

- Administered Windows and Linux servers for mid-sized clients and moved 20 of them to cloud virtual machines with minimal disruption.
- Scripted user and permission management in PowerShell, shortening onboarding requests from a day to under an hour.
- Resolved Tier 3 infrastructure tickets with a 95% on-time rate while learning cloud networking and identity fundamentals.

EDUCATION

B.S. in Information Technology, Illinois Institute of Technology, Chicago, IL

CERTIFICATIONS

AWS Certified Solutions Architect - Associate | AWS Certified SysOps Administrator - Associate | HashiCorp Certified: Terraform Associate