

BRADEN PHILPOTT

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SYSTEMS ENGINEER | CLOUD INFRASTRUCTURE | RELIABILITY

Systems-focused Cloud Engineer experienced in operating and improving large-scale distributed AWS infrastructure supporting enterprise and mission-critical workloads. Strong background in reliability engineering, incident lifecycle ownership, and high-availability architectures. Experienced working across Linux-based systems with exposure to Kubernetes environments, CI/CD workflows, and Python-based automation to improve operational efficiency and system resilience. Passionate about building scalable, fault-tolerant cloud platforms with an automation-first mindset and a culture of continuous improvement.

TECHNICAL SKILLS

- **Cloud Infrastructure:** AWS (EC2, VPC, IAM, S3, RDS, Lambda, EventBridge, CloudWatch, ELB)
 - **Containers & Orchestration:** Kubernetes (architecture exposure, troubleshooting, workload concepts)
 - **Infrastructure as Code:** Terraform
 - **CI/CD & Automation:** CI/CD pipelines, Git-based workflows, infrastructure deployment automation
 - **Operating Systems:** Linux (log analysis, networking diagnostics, system troubleshooting)
 - **Networking:** TCP/IP, DNS, Load Balancing, VPC Peering, Security Groups, NACLs
 - **Reliability Engineering:** Incident Lifecycle Management, RCA, Postmortems, SLA/SLO Awareness
 - **Observability:** CloudWatch, monitoring & alerting, third-party APM tooling
 - **Architecture Concepts:** Distributed Systems, High Availability, Scalability, Fault Isolation
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PROFESSIONAL EXPERIENCE

Incident Management Engineer | Amazon Web Services | June 2025 - Present

- Lead coordinated response for high-severity production incidents impacting enterprise-scale workloads under strict SLA constraints
- Own full incident lifecycle across distributed cloud architectures from detection through post-incident review

- Conduct structured root cause analyses to reduce recurrence and improve systemic reliability
- Partner with infrastructure, networking, and service teams to diagnose failures across cloud-native and Linux-based systems
- Identify systemic failure patterns and drive preventative resilience improvements
- Contribute to operational automation initiatives reducing manual intervention during critical incidents
- Deliver executive-level communication during production-critical events

Cloud Support Engineer (Enterprise) | Amazon Web Services | Feb 2023 – June 2025

- Supported enterprise-scale production environments across complex multi-account AWS architectures
 - Resolved 1,500+ infrastructure cases with 97.7%+ CSAT across mission-critical systems
 - Diagnosed distributed system failures spanning compute, networking, IAM, and load balancing layers
 - Worked within Linux environments to analyse logs, investigate networking faults, and troubleshoot system-level issues
 - Provided guidance on CI/CD integrations, containerised workloads, and infrastructure automation best practices
 - Utilised Python scripting to streamline repetitive operational and troubleshooting tasks
 - Mentored engineers and contributed to technical capability uplift
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CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Certified AI Practitioner
- AWS Certified Solutions Architect - Associate
- AWS Certified SysOps Administrator - Associate
- AWS Certified Developer - Associate
- AWS Certified CloudOps Engineer - Associate
- AWS Certified Solutions Architect - Professional
- AWS Certified DevOps Engineer - Professional
- AWS Certified Security - Specialty
- AWS Certified Advanced Networking - Specialty
- AWS Certified Machine Learning Engineer - Associate
- AWS Certified Machine Learning - Specialty

- AWS Certified Data Engineer - Associate
 - HashiCorp Terraform Associate
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EDUCATION

Bachelor of Information Technology (Network Design & Management) University of Wollongong Distinction Average | High Distinction in Problem Solving | Capstone Team Lead