BRADEN PHILPOTT

South Yarra, VIC | bradenphilpott7@gmail.com | linkedin.com/in/braden-philpott

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
- Programming & Scripting: Python (automation & scripting), Bash
- 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

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 1500+ 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

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

EDUCATION

Bachelor of Information Technology (Network Design & Management) | University of Wollongong

Distinction Average | High Distinction in Problem Solving | Capstone Team Lead