

Cameron Paterson

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South Lanarkshire, Glasgow

Profile

Hands-on experience across cloud infrastructure, Linux, monitoring and automation, with a strong interest in how systems are built, connected and kept running reliably. Experienced in supporting AWS environments, troubleshooting live issues and improving manual processes through automation. I also run my own Proxmox home lab to build on my practical experience and am currently working towards the AWS Solutions Architect Associate certification.

Experience

June 2026 - August 2026

Beeks Financial Cloud Limited, Renfrew

Client Implementation Engineer

- Deployed and configured Linux capture appliances and time-series analytics tooling, including QuestDB, InfluxDB and Grafana, supporting end-to-end latency monitoring across financial trading infrastructure.
- Worked across Linux, networking and monitoring environments to configure client implementations and investigate deployment issues.

October 2025 - June 2026

Unicard Ltd, East Kilbride

Application Support Engineer

- Supported hybrid AWS and on-premise ticketing infrastructure serving up to 50 transport operators, working to SLAs ranging from 20 minutes to two days depending on incident severity.
- Diagnosed and resolved a recurring production outage that was taking containers offline following a scheduled 2am refresh, tracing the root cause to an IAM permissions error within the ECS task definition.
- Managed container redeployments through ECS and GitLab CI pipelines, using CloudWatch logs and monitoring to investigate live incidents and identify faults.
- Used diagnostic SQL across Oracle and PostgreSQL production databases to investigate issues including incorrect rail card and account records, supporting refunds and duplicate remediation.

October 2024 - October 2025

Virtual Services Group, East Kilbride

System Support Assistant

- Cut a two-day manual customer setup process to around one hour by building an automated import solution capable of processing thousands of records per customer.
- Consolidated three disconnected systems — SimPRO, SFG20 and Zahara — into a more joined-up workflow using REST API integrations, reducing manual re-keying of maintenance schedules and non-billable invoices.

- Automated the SFG20 maintenance schedule sync into SimPRO across approximately 300 assets and 6,000 scheduled checks, removing a recurring manual entry process that was a major source of missed and incorrectly scheduled maintenance.
- Integrated Zahara invoice generation with SimPRO via API, replacing a manual assignment process where non-billable invoices could be allocated to the wrong job or left unassigned.

Projects

August 2025 - Present

Self-Hosted Homelab

Proxmox homelab running Docker/LXC services behind Authentik SSO and a Caddy reverse proxy, exposed via Cloudflare Tunnels with Tailscale for administrative access. Observability provided by Prometheus (time-series metrics) and Grafana dashboards covering host, container, and service health. Additional services include Gitea (source control), Metabase (BI), PgAdmin, Pi-hole (DNS filtering), and Code Server.

February 2025 - September 2025

Loneworking Application

Mobile app for supporting workers in isolated environments, featuring session-based check-ins and a panic button alerting Health & Safety teams.

Skills

- **Cloud & Infrastructure:** AWS (EC2, ECS, RDS, IAM, CloudWatch), Proxmox, Docker, LXC, Linux
- **CI/CD & Automation:** GitLab CI, Git, REST API integration, cron
- **Observability:** Grafana, Prometheus, CloudWatch, QuestDB, InfluxDB
- **Databases:** PostgreSQL, Oracle, MS SQL Server
- **Networking & Access:** DNS, firewalls, routing, VPN (Tailscale, site-to-site), Caddy reverse proxy, Cloudflare Tunnels, Authentik SSO
- **Languages:** Python, Bash, SQL

Certifications

Scottish Qualifications Authority - May 2024

Diploma for IT and Telecommunications Professionals