

Cameron Munroe



IT Systems Analyst — infrastructure, networks, and web development

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■ SUMMARY

Systems Analyst with over a decade and counting of experience managing enterprise infrastructure. During the day I handle network architecture, firewalls, and server operations. Outside of work I run a personal K3s cluster and build web services.

■ ROLE IN PRACTICE

My title is "Systems Analyst," but the day-to-day scope — ownership, decision-making, and the systems I'm accountable for — maps more closely to several senior engineering tracks:

- › Senior Systems Engineer (Infrastructure & Endpoint)
- › IT Infrastructure & Security Engineer (Senior)
- › Senior Network & Endpoint Security Engineer
- › Senior Endpoint / Modern Workplace Engineer (Intune-focused)
- › Senior Zscaler (SSE) Administrator / Engineer

■ EXPERIENCE

Redwire Defense Tech (formerly Edge Autonomy)

IT Systems Analyst IV, Senior

Jan 2026 – Present

San Luis Obispo, California, United States · Hybrid · Full-time

IT Systems Analyst III

Mar 2023 – Dec 2025

San Luis Obispo, California, United States · Hybrid · Full-time

Self-employed

Information Technology Consultant

Apr 2023 – Present

Paso Robles, California, United States · Hybrid · Self-employed

- › IT consulting and contracting for local businesses — clients include Adelaida Winery

Scientific Drilling

Information Technology Supervisor

Dec 2019 – Mar 2023

Paso Robles, California, United States · Full-time

Information Technology Specialist

Jan 2019 – Dec 2019

Paso Robles, California, United States · Full-time

Paso Robles Joint Unified School District

IT Technician

Aug 2013 – Jan 2019

Paso Robles, California, United States · Full-time

Information Technology Intern

Jan 2008 – Aug 2013

Paso Robles, California, United States · Part-time

■ DEEPER DIVES

ZERO TRUST / SSE

Zscaler — ZIA, ZPA, and zero-trust networking

- › Deployed Zscaler ZIA and ZPA commercial across an entire organization.
- › Set up SSL inspection policies.
- › Built out a zero-trust network leveraging ZPA.
- › Regularly maintain policies and rules.
- › Tuned configuration to deliver up to 10× performance for specific clients.

HYPERVISORS

Proxmox VE — KVM clusters, live migration, and backups

- › Manage small Proxmox VE clusters in production.
- › Run KVM as the primary virtualization layer.
- › Use live migration to move workloads between nodes without downtime.
- › Operate Proxmox Backup Server for incremental backups and retention.
- › Configure highly available VMs with automatic failover across nodes.

VMware — vCenter, iSCSI, and HA clusters

- › Manage small vCenter environments end-to-end.
- › Handle VM migration and backup across hosts and datastores.
- › Stand up clusters from zero — host install through fully managed configuration.
- › Configure iSCSI shared storage with HA for resilient VM placement.

FIREWALLS

pfSense — Open-source firewall on commodity hardware

- › Manage pfSense firewall appliances end-to-end.
- › Configure VLANs and inter-VLAN access controls.
- › Author and maintain firewall rule sets across LAN, WAN, and DMZ zones.
- › Operate IDS policies for inline traffic inspection.
- › Build and maintain site-to-site VPN tunnels between locations.
- › Run BGP-based routing over IKEv2/IPsec and WireGuard for dynamic multi-site reachability.

WatchGuard — Firebox appliances and policy management

- › Manage WatchGuard Firebox appliances end-to-end.
- › Configure VLANs and inter-VLAN access controls.
- › Author and maintain firewall rule sets.
- › Tune IDS / IPS policies for production traffic.
- › Deploy and maintain site-to-site VPN tunnels between offices.

Cisco Meraki — Cloud-managed MX security appliances

- › Manage Cisco Meraki MX security appliances through the Meraki Dashboard.
- › Configure VLANs and group-based firewall policies.
- › Author and maintain firewall rule sets.
- › Operate IDS / IPS policies on Meraki MX.

NETWORKING

UniFi — Unified firewall, switching, and Wi-Fi

- › Operate UniFi gateways with firewall and routing rule sets.
- › Manage UniFi switches and VLAN segmentation.
- › Deploy and tune UniFi Wi-Fi access points across multi-AP sites.
- › Run firewall, switching, and wireless from a single pane of glass via the UniFi Network Application.

HPE Aruba — Enterprise wireless access points and controllers

- › Manage Aruba access points and wireless controllers.
- › Configure SSIDs and enterprise authentication.
- › Tune RF and channel plans for site coverage.

Cisco Switches — Catalyst-class switching

- › Manage Cisco Catalyst switches in the IOS / IOS-XE family.
- › Configure VLANs and trunk ports.

WINDOWS INFRASTRUCTURE

Windows Server (2019 / 2022) — Active Directory, NPS, DHCP, DNS

- › Stand up and operate Active Directory domains, including replication and FSMO role placement.
- › Provision users, groups, and organizational units across the directory.
- › Configure NPS / RADIUS for 802.1X and VPN authentication.
- › Manage DHCP scopes and reservations.
- › Run authoritative DNS for internal infrastructure.

■ SKILLS

Infrastructure: Linux, Proxmox, KVM, VMware ESXi, Windows Server, Bare Metal

Networking & Security: Firewalls, VLANs, VPN, BGP / OSPF, DNS, DHCP, SNMP, Cloudflare, TCP/IP

Containers & Orchestration: Kubernetes (K3s), Docker, Flux CD, Helm, Longhorn

Development: Node.js, PHP, JavaScript, PostgreSQL, MySQL, Bash, Git