

# Alexander Bufete

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## Skills

**Programming:** Python, Bash, JavaScript, C++, Selenium

**Web Stack:** Nginx, Node.js, Next.js, PostgreSQL

**Virtualization:** Proxmox VE, KVM/QEMU, LXC, Docker/Compose, Kubernetes (K3s)

**Linux & Automation:** Ubuntu Server, RHEL, Terraform, Ansible

**Networking:** Ubiquiti UniFi, Cisco IOS, TCP/IP, DNS, DHCP, VLAN

**Windows Admin:** Windows Server, Active Directory, Group Policy

**Dev Tools & Monitoring:** Git, GitHub, Jira, Postman, Prometheus, Grafana

## Certifications

**Velocity** (2022)

**CCNA** (Expected July 2026)

**RHCSA** (Scheduled June 2026)

## Experience

### Owner / IT Systems Engineer

7/2025 - Current

#### *Aystra Technologies Ilc*

- Rebuilt a failed Windows Server environment for a dental practice, restoring Eaglesoft and full operations from validated backups within 48 hours
- Configured and validated backup and recovery processes to support data integrity and rapid system restoration
- Managed on-premise IT infrastructure for healthcare offices, including Active Directory, Group Policy, DNS/DHCP, and Ubiquiti UniFi network deployments
- Engineered and maintained Proxmox VE (ZFS) environments, running LXC containers and VMs for both production and lab workloads
- Deployed full-stack applications and infrastructure (Next.js, Node.js, Nginx, SSL, Cloudflare) with automated system hardening and repeatable provisioning scripts
- Designed scalable infrastructure and observability pipelines using Terraform, Ansible, K3s/Kubernetes, Docker, Prometheus, Grafana, and a self-hosted data platform (PostgreSQL, JupyterHub, Superset)

### QA Engineer

9/2022 - 7/2025

#### *Atlona*

- Developed automated test frameworks using Python and Selenium, reducing test cycle time by 17%
- Performed functional, regression, and UX testing on NPI hardware and WebGUI systems across Agile and Waterfall environments
- Authored and managed test cases, plans, and defect tracking in JIRA / Zephyr Scale, delivering clear, actionable reporting
- Partnered with R&D teams to reproduce, document, and resolve software, firmware, and hardware defects
- Built and maintained test environments, including firmware deployment, network configuration, and hardware provisioning
- Led end-to-end system validation and QA processes (AVoIP, video matrix systems), including calibration, signal verification, and reliability testing

### Technical Support Engineer

11/2020 - 9/2022

#### *Blackmagic Design*

- Provided advanced technical support to enterprise clients (e.g., major broadcasters and studios) across networking, CLI troubleshooting, and broadcast hardware systems
- Diagnosed, tested, and repaired professional video equipment in a lab environment, maintaining a 4–8 day turnaround
- Delivered phone and email support, guiding customers through complex troubleshooting with clear communication and critical thinking
- Collaborated with system integrators to deploy and configure production studios, including networking, security, and access control
- Specialized in camera and desktop video hardware, supporting high-impact production environments
- Escalated and coordinated critical, production-blocking issues with PMs and engineering teams to drive resolution

### Enterprise Support Technician

8/2019 - 11/2020

#### *Facebook – Milestone Technologies Contract*

- Delivered enterprise IT support in a high-SLA environment, meeting 2-day service targets and 30-minute executive deployment requirements
- Performed system imaging, device provisioning, and lifecycle management for laptops and mobile devices, ensuring standardized configurations
- Executed onsite deployments and desktside support, including workstation setup, troubleshooting, and rapid incident resolution in live user environments
- Maintained asset inventory accuracy through structured data entry and validation within enterprise management systems
- Managed user access and device permissions using internal tooling, supporting secure and efficient endpoint operations