

# JOSE A. ECHEZURIA

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## PROFESSIONAL SUMMARY

Self-driven Systems Administrator and Full-Stack Developer with strong hands-on experience in Linux systems, Proxmox virtualization, Docker containerization, security hardening, and homelab architecture that mirrors real enterprise environments. Fast learner with exceptional troubleshooting skills and a solid foundation in networking, storage, and DevOps workflows. Background includes technical operations experience at CarMax, strong documentation habits, and the ability to manage multiple technical projects at once.

## PROFESSIONAL EXPERIENCE

### **Freelance Systems Administrator — Self-Employed**

- Built and maintained a multi-node Proxmox environment with Linux VMs, LXC containers, GPU passthrough, and Docker-based services.
- Deployed secure Ubuntu Server systems with SSH hardening, firewall rules, static IP addressing, and monitoring.
- Designed and configured reverse proxy architectures using Nginx Proxy Manager and Cloudflare tunnels.
- Managed storage with TrueNAS (ZFS pools, NFS exports, Samba shares) and snapshot-based backups.
- Implemented Docker services with Compose for automation, media servers, file management, and internal tooling.
- Set up monitoring and alerting using Uptime Kuma and Discord webhooks.
- Troubleshoot networking issues involving VLAN concepts, DHCP reservations, DNS, and Tailscale VPN routing.
- Documented system builds, service deployments, and network layouts for repeatability and maintainability.

### **Vehicle Condition Assessor — CarMax**

- Performed technical inspections and diagnostics on vehicles while documenting findings accurately and clearly.
- Maintained a high attention to detail in fast-paced, process-driven workflows.
- Communicated effectively with customers, peers, and management regarding technical findings and operational needs.
- Participated in the Manager Development Program (MDP), strengthening leadership and operational skills.
- Adapted quickly to multiple proprietary CarMax systems and tools for workflow and reporting.

## TECHNICAL SKILLS

**Linux & Systems:** Ubuntu Server, Proxmox VE, LXC/VM management, system hardening, SSH security, service monitoring.

**Networking:** VLAN concepts, DHCP reservations, subnet planning, Tailscale VPN, DNS management, firewalls, NFS/Samba.

**Containers:** Docker, Docker Compose, NVIDIA GPU runtime/CDI, Portainer, internal service automation.

**Storage & Virtualization:** TrueNAS, ZFS pools, NFS exports, fstab configuration, VM and service snapshots.

**Development:** HTML, CSS, JavaScript, Sass, Node.js, Express.js, PostgreSQL, EJS, REST APIs, Axios, React basics.

**Scripting:** Bash, YAML, Docker Compose orchestration, systemctl service configuration.

## PROJECTS

**Homelab Architecture:** Multi-node cluster using Proxmox, TrueNAS storage backend, GPU-enabled workloads, Docker services, reverse proxies, monitoring pipelines, and automated backups.

**Quizz.AI:** PostgreSQL-backed quiz platform with AI-generated questions, session handling, and native JavaScript UI.

**Fast-Store:** Performance-focused mock eCommerce platform demonstrating fast loading and optimized backend structure.

**Portfolio Website:** Personal developer/sysadmin portfolio showcasing projects, homelab work, and technical background.

**Additional Projects:** Crypto live tracker, Express/EJS blog platform, multiple UI/UX mockups in Figma.

## EDUCATION

- High School Diploma
- CompTIA A+ (in progress); Network+ and Security+ planned
- Full Stack Developer Course — Completed
- React Beginner Course — Completed
- Full Stack Open — In progress
- Planned: Bachelor's in Cloud Computing & Network Engineering (WGU)
- Future: MBA or Master's in Business

## TARGET ROLES

- Junior System Administrator
- IT Support Specialist / Help Desk Technician
- Junior DevOps Engineer
- Cloud Support Associate
- NOC Technician / IT Operations

- Linux System Support

**Secondary:** Junior Full-Stack Developer, Backend Developer (Junior), DevOps SWE Intern