

Jack Clayton

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TECHNICAL SKILLS

- Linux Administration, Docker, Virtualization, AWS
- Infrastructure as Code, DevOps, Packer, Terraform, Git
- NAS, ZFS, JBOD, Backups, Snapshots, Computer & Server Hardware
- TCP IP Networking, Firewalls, Routing, Security
- Bash, Java, SQL, JavaScript

PROJECTS – IN DEPTH ARTICLES AVAILABLE ON JACKCLAYTON.COM

Custom Built Virtualization Server

- Sourced and designed the hardware for a Proxmox virtualization home server, facilitating the hosting of applications for both personal use and exploration of new technologies.
- Recognizing the need for reproducible virtual machine images, I implemented Hashicorp Packer and Terraform to enable completely automated builds, reducing setup time by half
- Identified a need to streamline container management so I utilized docker compose and git to add version control and simplify the deployment process

Pfsense Firewall/Router

- Detected a need for enhanced security and user experience so I implemented a DNS sinkhole which resulted in reduced exposure to malware and intrusive advertisements
- Acknowledged the necessity for secure remote access to resources, prompting the addition of Tailscale VPN and Cloudflare Tunnel to facilitate secure and convenient connectivity
- Recognized the desire to improve my multiplayer gaming experience with friends, resulting in the tuning of firewall rules to ensure optimal performance and ease of use for all

Server Rack Upgrade

- Acknowledged the need for better organization to increase efficiency so I migrated existing infrastructure to a professional server rack, greatly reducing downtime during maintenance
- Recognized the opportunity to enhance network management and connectivity through the addition of new, server specific hardware including a managed switch and patch panel

EDUCATION

Sheridan College

Sep 2022 – Dec 2025

Computer Systems Technology - Information Systems Engineering

Advanced Diploma

Cumulative GPA: 3.84

Relevant Courses: Systems Administration Linux/Unix, Introduction to Data Communications, Cloud Enabled Networks, Computer & Network Security, Object Oriented Programming - Java

EMPLOYMENT EXPERIENCE

Grocery Clerk

Jan 2022 – Present

Food Basics, Oakville, ON

- Awarded the “Say Hi” award for exceptional customer service
- Entrusted to handle department responsibilities autonomously as well as mentor others

OTHER SKILLS & INTERESTS

Skills: Work ethic, Problem Solving, Adaptability, Attention to Detail, Communication, Teamwork

Interests: Spending time with my dog, Finance & Stocks, History, International cultures, Cooking