

PRATIK AERAPLE

TORONTO, ON | pratikaeraple@gmail.com
<https://www.linkedin.com/in/pratik-aeraple> | www.pratikaeraple.com

PROFILE

Cloud and Systems Technology professional with hands-on experience in infrastructure management, networking, monitoring, security practices, and technical support. Strong background in Linux servers, cloud platforms, automation, and troubleshooting. Proven ability to support operations, users, and systems in fast-paced environments while maintaining reliability, security, and compliance.

WORK EXPERIENCE

SERVER ADMINISTRATOR

Jan 2025 - Present

SmartAir | Remote

- Managed and monitored **10+ Linux servers** in a **hybrid cloud environment** with 99.8% uptime
- Resolved **150+ system, server, and DNS issues**, reducing downtime and service disruptions
- Administered **Cloudflare DNS/CDN** and **AWS SES** (75,000+ emails/month)
- Built and maintained secure admin dashboards to streamline internal operations
- Implemented **backup, recovery, and audit logging** procedures
- Created clear **system documentation** and **incident reports** for internal teams

ASSISTANT OPERATIONS MANAGER

Sep 2025 - Present

Compass Group Canada | RBC | Mississauga, ON

- Supervised 20-25 employees**, managing scheduling, onboarding, and daily operations
- Ensured compliance with **company policies, audits, and regulatory standards**
- Conducted risk assessments and enforced health and safety procedures
- Resolved **operational and technical issues** to minimize service disruptions
- Maintained **strong communication with clients and internal stakeholders**
- Prepared **operational and performance reports** for senior management

SYSTEM ADMINISTRATOR CO-OP

Jan 2025 - Apr 2025

SR Films Inc. | Toronto, ON

- Supported **cloud hosting for a high-traffic** WordPress e-commerce platform
- Integrated **payment and booking APIs** including Stripe and PayPal
- Deployed and maintained **Azure cloud infrastructure** with high availability
- Automated **DevOps tasks using Terraform**, reducing manual effort by 40%
- Built **Azure Functions** to automate booking and payment workflows
- Assisted with **troubleshooting application, server, and network issues**

PROJECTS

Personal Hybrid Cloud Infrastructure (Multi-Site Home Lab)

Live: <https://proxmox.brutehack.com>

Technologies: Proxmox, ZFS, RAID 10 / RAID 6, Cloudflare, NGINX, ZeroTier, Linux Firewall, external systems

- Designed a **3-server hybrid infrastructure** with **geographic redundancy**, including two on-prem servers and one off-site backup server
- Implemented **high-availability and disaster-recovery architecture** to maintain service continuity during node or disk failures
- Configured **RAID 10 on primary servers** for performance and fault tolerance, and **RAID 6 on the backup server** for long-term data protection
- Built a secure **private overlay network using ZeroTier** for encrypted remote management from any location
- Hardened the environment using **firewall rules, service isolation, port restrictions, and SSH key-based access**
- Exposed services safely using **Cloudflare DNS and reverse proxy**, preventing direct public access to internal systems

Enterprise Network Security, Diagnostics & Incident Response Lab

Technologies: Wireshark, Nmap, iptables/UFW, OpenVPN, Bash, DNS tools (dig, traceroute), Linux

- Designed a simulated **enterprise network with segmented subnets** for users, servers, and admin access
- Implemented **firewall rules, access controls, and VPN-based remote access** to secure internal resources
- Used **Wireshark and Nmap** to detect port misuse, latency issues, and suspicious traffic patterns
- Built **Bash scripts** to automate network health checks, log analysis, and connectivity validation
- Diagnosed and resolved **DNS failures, packet loss, routing issues, and service outages**
- Practiced incident response workflows, including isolation, root-cause analysis, and recovery steps

EDUCATION

Loyalist College, ON, Canada
Cloud Computing

Sep 2023 - Apr 2025

Mumbai University, MH, India
Bachelors in Science in Information Technology

Jul 2019 - Apr 2022