

Peter Frederikson

Infrastructure × Blockchain Developer | 19+ Years Enterprise Systems | DevOps | IaC

Summary

I've spent 19 years building/maintaining enterprise critical healthcare infrastructure/applications in multi-firewall/zoned environments. The last few years focus on automating everything first principles via secondment to DevOps project.

Currently transitioning into blockchain development and Web3. I'm learning by building: deployed DeFi applications, smart contracts and pushing myself to understand distributed systems from first principles.

What I bring: Production-grade infrastructure expertise, excellent documentation discipline, comfort with both enterprise complexity and emerging technology.

Always interested in DevOps, infrastructure automation, blockchain development, or challenging your systems to work better with efficiency.

Skills

1. Infrastructure-as-Code (IaC)
2. DevOps / Containerisation
3. Linux Administration
4. Bash / Shell Scripting
5. Troubleshooting / Problem-Solving
6. Blockchain Development
7. Solidity
8. TypeScript

SUPPORTING SKILLS

- AIX Administration,
- Security Hardening,
- Technical Documentation,
- Middleware deployment & maintenance,
- Firewall Configuration (F5, iptables, SELinux),
- Monitoring (Nagios, CheckMK).

Professional Experience

DevOps (Secondment) | Health New Zealand | 2022–2025

Implemented infrastructure-as-code solutions for multi-platform deployments using Terraform and Ansible. Designed and executed security hardening strategies, resulting in improved compliance and efficiency across production systems utilising GitOps practices and modern CI/CD workflows. Developed business automation scripts reducing multiple team overhead by 20+ hours/week.

Senior Systems Administrator | Ministry of Health | 2012–2021

Deployed/maintained 99%+ uptime for mission-critical healthcare applications (AIX, Linux) supporting 100+ concurrent users. Led patching/hardening initiatives reducing security vulnerabilities. Designed gold image process reducing VM deployment time by 40%.

System Administrator | Ministry of Health | 2008–2012

Provided application support to critical 24/7 health identity system. Troubleshoot and resolved life threatening priority one incidents. Managed middleware issues (WebSphere, Tomcat), achieving 98% first-contact resolution rate. Developed/modified 15+ automation scripts in Bash/Korn, reducing manual overhead by 10 hours/week.

Operations Analyst | Ministry of Health | 2006–2008

Provided 24/7 critical application support to Ministry and 20+ national healthcare facilities. Diagnosed and resolved 95% of data issues without vendor escalation. Designed and documented operational procedures adopted as department standard.

Database Administrator | Visible Results | 2005–2006

Reduced database query time by 35% through performance optimization and indexing. Managed replication infrastructure supporting 10+ databases with 99.8% uptime. Developed DTS packages for data migration and scheduled jobs.

Education

Degree

- Bachelor of Information Technology | Wellington Institute of Information Technology | 2003

Recent Training (Relevant to current focus):

- The JavaScript Bootcamp | 2025
- Blockchain Developers Bootcamp v3.0 | 2025
- GitLab CI/CD – From Zero to Hero | 2022

Professional Certifications

- ITIL Foundation | 2007
- Cyber Technology | Wellington Institute of Information Technology | 2004
- Neural Networks Certificate | Wellington Institute of Information Technology | 2003
- Trade Certificate in Coach Building | Wellington Polytechnic | 1985

Specialized Technical Training

- Workplace First Aid | 2005
- Solaris 10 ZFS Administration | 2010
- Red Hat System Administrator | 2013
- AIX Advanced Administration and Problem Determination | 2014

Referees

Professional references available upon request. I'm always happy to discuss work history and impact with serious opportunities.