

JASON THIBEAULT

(204) 451-7549
jthibeault@gmail.com

Winnipeg, MB
[LinkedIn](#)

DevSecOps SRE / Linux Security Specialist / Cloud Infrastructure Architect

20+ year Linux veteran specializing in architecting mission-critical, highly robust multi-million dollar systems. Expert in architecting end-to-end, resilient automation pipelines. Deep expertise in zero-trust architecture, enforcing strict regulatory compliance while maximizing uptime and guaranteeing data integrity.

Core Competencies

- Language/software-agnostic code and server troubleshooting across complex interconnected distributed systems
- Leading 24/7 incident response, crisis mitigation, and post-mortem analysis
- Strategic legacy server modernization to scalable, service-oriented cloud architectures

Technical Skills

Cloud Platforms: Multi-cloud. AWS (EC2, ECS/EKS, etc), Azure, Google Cloud, Oracle Cloud, VMware/vCenter

Security & Compliance: SIEM Integration, Penetration Testing, HIPAA, PCI-DSS, Vulnerability Management, Disaster Recovery (DR)

IaC & Automation: Terraform, Ansible, Puppet, Chef, Cloudformation, Docker, Kubernetes

CI/CD pipelines: Jenkins, GitHub Actions, Bamboo

Operating Systems: Linux (any distribution), FreeBSD and Unix. Embedded OSs. Windows Server.

Databases: Oracle, MySQL, MS-SQL – administration, backups, query analysis

Networking: DNS, DHCP, VPN, Cisco/Juniper, Firewalls, TCP/IP, packet analysis

Scripting & Languages: Python, Bash, PHP, C#, Lua

Work History

Senior Site Reliability Engineer

Tata Communications

(formerly *Kaleyra.io*, formerly *mGage LLC*)

June 2020 - December 2025 (3x TN terms)

Minneapolis, Minnesota

- Maintained and modernized over 1500 virtual machines in various environments, including colocation hosting, AWS, and Oracle Cloud, with 99.999% uptime guarantees
- Migrated 200+ servers in on-prem colocation hosting to Oracle Cloud within two months with a four-person team, under under urgent business continuity conditions, minimizing service disruption and maintaining core business functionality
- Implemented centralized logging for SIEM integration using syslog forwarding and an ELK stack Graylog mirror, achieving 100% coverage
- Reverse engineered and fully modernized poorly documented server architecture to support past end of life
- Engineered and automated replacement end-of-life CentOS 7 servers via Terraform, mitigating security risks and achieving zero downtime migration
- Functioned as Tier-3 escalation point and Subject Matter Expert (SME) for 24/7 service incidents, leading crisis response, risk mitigation, and root cause analysis (RCA)

Systems Engineer

Torrch LLC

(formerly *BlueEarth Innovation*)

March 2013 – March 2020 (3x TN terms)

Minneapolis, Minnesota

- Maintained and scaled 200+ virtual machines across various environments, including colocation hosting, customer premises, AWS and various smaller cloud providers
- Led infrastructure modernization initiatives, establishing comprehensive best practices including automated DR protocols, proactive vulnerability patching cycles, and formalized BCPs, significantly increasing system resilience
- Led the multi-stage migration of the core corporate infrastructure to AWS, achieving a notable reduction in operational overhead and significantly enhancing uptime and resilience

Systems Delivery Specialist

Hinduja Global Solutions (HGS), Inc.

(formerly *On-Line Support Inc.*)

December 2005 – March 2013

Kentville, Nova Scotia, Canada

- Managed daily IT operations and technical support for a 125-seat call center, simultaneously mentoring and coaching 10 local IT representatives
- Authored critical Standard Operating Procedures (SOPs) and comprehensive documentation, directly supporting the successful audit and attainment of PCI compliance certification
- Implemented previously unfulfilled vulnerability monitoring and patching

Education

Professional Certifications:

- CompTIA Linux+ Certification - 2013
- AWS Cloud Practitioner - 2019

Bachelor of Arts (major: English, minor: Sociology)

Acadia University, 2002

Wolfville, Nova Scotia, Canada