



Hey There! I'm Theo M.

But you know that, right?
Chief Executive • Chase

Summary

Last Updates:

PDF: 2023-11-16

Website: 2023-11-16

I'm a Linux and Windows Engineer with skills in systems administration, and application development. I enjoy connecting people with technology solutions that are easy to use, affordable, and sustainable over time.

Most recently I've been working on **Quantum** with my current employer, empowering people, businesses, and governments alike to have more accountability and security when they spend their money.

Personally, I maintain a highly available Red Hat OpenShift cluster, a Petabyte Project, and various other services without which I don't think I could survive.

About Me

- I'm experienced in developing programmes for the financial sector, having spent the last few years learning a lot about the financial sector, including how card networks tick.
- I'm well versed with various Red Hat based distributions, from Red Hat Enterprise Linux and SELinux, to CloudLinux and LVE Manager, to building a slimmed and hardened kernel, I've done it all.
- I'm comfortable working with a range of virtualization technologies in large-scale environments. My personal favourite is Proxmox for its ease of management, but in a pinch, give me an ESXI, OpenStack, or Hyper-V cluster and I'll do just fine.
- I'm experienced in various rapid deploy and configuration management technologies like Ansible, Red Hat Kickstarts, and Debian Preseeds. I'm also well versed in building my own iPXE chain, which I use extensively in a few projects I've developed over the years.

Niblets

- The Developer of the **ird-validator** Ruby gem
 - The Developer and maintainer of **Browser.JS**, a tool to bypass censorship
 - A huge fan of Kubernetes and especially OpenShift
 - An avid gamer - ask me about what I like to play!
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History

Chase

Westport, New Zealand • 2021-2023 • Chief Executive Officer

At Chase, I performed roles across infrastructure, code, financial services, staffing, and contract negotiations. In this role I grew Chase from a small startup to the midsize company it is today.

Key Contributions

- Deployed infrastructure for Chase - Including, but not limited to Active Directory, OpenShift, and our own custom web deployment platform
- Wrote unit tests for the Quantumm® Software, speeding up the development lifecycle for our developers
- Negotiated and implemented financial support services, including card issuance, and leveraged contracts to grow business further

M6 Securities LLC

Utah, United States • 2020-2021 • Senior DevOps Engineer

As the Senior DevOps Engineer for M6 Securities, I performed roles across both infrastructure and software, bringing new workflows and improving the software development lifecycle. In this role I implemented new functionality to our CRM, enhanced resiliency, and enhanced security by deploying security standards in line with ISO 27018, ISO 27031, and ISO 27040.

Key Contributions

- Implemented automated resiliency controls, bringing uptime and stability of our CRM software to "six nines" (99.9999% uptime)
- Implemented and rolled out enhanced security controls on running webapps by deploying Red Hat OpenShift (4.x), and implementing RBAC best practices
- Implemented ISO standards 27018, 27031, and 27040
 - ISO 27018:2019
 - Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors
 - ISO 27031:2011
 - Guidelines for information and communication technology readiness for business continuity
 - ISO 27040:2015
 - Storage security

McDonald's

Rangiora, New Zealand • 2020 • Crew Member

As a Crew Member, I performed roles across the front counter, kitchen, drive-thru and McCafe. I assisted customers with ordering, incorporating suggestive selling and promotion of special deals. In this role, I maintained food safety standards, keeping the restaurant clean and sanitised.

Key Contributions

- Reported unexpected food temperature drop, ensuring critical equipment faults get uncovered promptly
- Supported my team during busy periods, providing encouragement and offering additional assistance
- Met and exceeded customer expectations and regularly received positive feedback

Online Republic

Auckland, New Zealand • 2018-2019 • DevOps Engineer

As the DevOps Engineer for Online Republic, I performed roles across infrastructure and software, improving practices and functioning as the gatekeeper for weekly rollouts of the Cruise software. In this role I was responsible for ensuring that code that was deployed did not affect production, as well as maintaining "four nines" (99.99%) uptime

Key Contributions

- Implemented new infrastructure for web content handling, bringing requests per second from 200 to well over 12000
- "Gatekept" by reviewing and preventing bad commits from making it into production

- Improved CI/CD and enabled vulnerability scanners to notify and auto-deploy fixes to critical infrastructure further protecting from outages

ezyVet

Auckland, New Zealand • 2018 • Software Developer

As a Software Developer I worked closely with customers to resolve issues in the ezyVet software, as well as implementing new features that were requested from time to time. During my time with ezyVet, I also assisted in onboarding several new large clients, ensuring they had an unparalleled "go live" experience.

Key Contributions

- Reduced memory impact on client workstations by over 80%, allowing clients to keep ezyVet open for longer
- Implemented new supporting modules for X-Rays to automate importing patient records into ezyVet
- Validated X-Ray import modules by designing and integrating PHP unit tests into the CI/CD pipeline

Contact Me

You made it! If you'd like to get in touch, here's what you need to know.

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