Rin (Tamara Vassileva)

REDACTED FOR STREAMING
REDACTED FOR STREAMING
REDACTED FOR STREAMING
https://rin.systems

Mobile: REDACTED FOR STREAMING
Email: rin@rin.systems
Fedi: https://tech.lgbt/@tammy

Work Experience

Westpac Banking Corporation

Senior Technical Lead, Infrastructure, team of 30

July 2021 – Current

- Proposed and led creation of a resilient multi-site control plane for all corporate Data Center network infrastructure using Ansible Tower, allowing for resilient and verifiable configuration deployment pipelines, as well as automated site isolation and recovery.
- Automated failover and cell isolation for the Online Banking, Investments, and Corporate Services websites, reducing per-cell deployment time from 30 minutes to 90 seconds, including automated acceptance testing.
- Created new Terraform providers and modules for F5 BIG-IP load balancers, reducing node deployment time from 1 hour to 3 minutes.
- Mentored team on automation methodology, idempotency, and category theory.

TPG Telecom LTD

Network Engineer, team of 15
Formerly Vodafone Hutchison Australia Pty Ltd

May 2017 – July 2021

- Developed QoS Optimisation for Fixed Broadband, eliminating buffering issues and increasing performance during peak hours by 30%, resulting in TPG's Fixed Broadband service being rated 2nd best in the country.
- Managed, maintained, and upgraded production Ansible Tower environment, including migration to a resilient, multi-site architecture.
- Developed Ansible automation workflow for upgrade of fibre aggregation nodes with automated pre-checks, post-checks, and rollback; reduced weekly update time from 4 hours to 9-12 minutes.
- Proposed, designed, and developed a POC path optimization tool in Haskell for Access Networks to reduce manual work required for optical ring optimisation, reducing the hours required for routing new rings tenfold.
- Designed, implemented, and troubleshooted load-balancing solution for revenue/mediation systems that handle all customer billing, including custom monitoring, automated failover and alerting, and dependency groups.
- Designed and implemented CRL sync service between new PKI roots, used for signing of all internal certificates (2,000+ per year).

Community

AnsibleFest

2020

Gave a talk on Automation Mindset vs. Methodology at AnsibleFest 2020.

Tech Blog

2022 – Ongoing

We maintain an ongoing tech blog at https://rin.systems with our various adventures and misadventures in tech.