

Ethan C. Houghton

SysOps Engineer

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SUMMARY

Systems engineer specialising in infrastructure automation, security operations, and platform engineering. Track record of building internal tooling that eliminates manual processes, with hands-on experience across enterprise security deployments for major organisations. Self-taught, driven by first-principles thinking.

EXPERIENCE

SysOps Engineer · Nclose | Integrity360

October 2023 – Present

Cape Town

- Deployed and maintained security systems across enterprise environments for clients including Sanlam, Shoprite, Clicks, Sun International, Coronation and Harmony Gold
- Built automated triage tooling for Opensearch, reducing the effort required to maintain Opensearch clusters
- Managed Linux infrastructure using Puppet configuration management
- Completed 5+ full platform deployments from scoping through to production handover

WhatsApp Support Consultant · Afrihost

April 2021 – September 2023

Johannesburg

- Provided technical support across the full Afrihost product suite: fibre, ADSL, mobile data, web hosting, and email
- Consistently ranked in the top 15 of approximately 150 support consultants
- Built an internal automation tool that systematically diagnosed all categories of hosting queries
- Handled DNS administration, device configuration, service provisioning, and fault logging

EDUCATION

Jeppie High School for Boys · Matriculated

2020

CERTIFICATIONS

CCNA (Cisco Certified Network Associate)

In progress

CompTIA Linux+

In progress

cPanel Professional (CPP)

Issued

SKILLS

Infrastructure

Linux (daily driver), VMware ESXi, Puppet, DNS, cPanel

Security

Elastic Stack / Opensearch, SIEM, Detection Engineering

Development

Python, TypeScript, Next.js, Bash scripting

Tooling

Git, GitHub, Vercel, Cloudflare, Web Scraping

Practices

Infrastructure as Code, Automation, Configuration Management, DevOps

PROJECTS

See detailed project writeups at houghton.rocks/projects