

Nathan Nunes

nnunes.com | github.com/n8nunes | nfx@nunesfx.com | nunesfx.substack.com | linkedin.com/in/nathan-nunes05

PROFESSIONAL SUMMARY

Penultimate-year Software Engineering student combining hands-on GRC and cloud security work with regulatory experience from GMP manufacturing, aiming to move into Cloud Security Engineering/GRC roles. Builds practical automation tools mapping real findings to frameworks like Essential Eight and ISO 27001, alongside hosting sites on AWS and Vercel.

EDUCATION

Bachelor of Software Engineering (Honours) — Monash University, 2022–2027 (expected)

- Coursework in advanced data structures, algorithm complexity analysis, and Agile/CI methodology applied to real project work

CERTIFICATIONS

Coursera CompTIA A+ | Google Cybersecurity Professional | CompTIA Security+ (in progress) | AWS Solutions Architect Associate (in progress)

EXPERIENCE

GMP Processor — Ensign Laboratories, 2022–2026

- Adhered to strict SOPs and regulatory compliance frameworks while performing quality control and risk-minimisation checks across production
- Collaborated cross-functionally under strict deadlines, applying disciplined time management to meet operational targets

PROJECTS

GRC Report Automation Agent — github.com/n8nunes/security-analysis-automation

Python, Ollama, Tavily, HIBP API, NIST CSF, ISO 27001, Essential Eight, OAIC APP

- Built an autonomous agent performing external recon (SSL/TLS posture, security headers, breach history) and a two-pass local AI pipeline mapping findings to four compliance frameworks with maturity scoring and prioritised risk registers
- Runs at zero ongoing API cost, addressing a real gap - major commercial GRC platforms don't natively support Essential Eight or APRA CPS 234

Secure AWS Serverless Messaging Framework — github.com/n8nunes/secure-widget-backend

Terraform, Python, AWS (API Gateway, Lambda, DynamoDB)

- Engineered a full-stack serverless app with IaC deployment via Terraform, enforcing least-privilege access through custom IAM policies with resource-level ARNs
- Implemented AWS KMS encryption aligned with NIST SP 800-53 and CIS AWS Foundations

nfx // Personal Trading Journal — github.com/n8nunes/trading-journal

React, TypeScript, Claude Code, Vercel, MetaApi, Firebase

- Shipped a production trade-journaling platform using AI-assisted development (Claude Code) to accelerate delivery
- Implemented Firebase auth with multi-user data isolation and a CI/CD pipeline on Vercel with automated testing

ADDITIONAL SKILLS

Active Directory, Linux, Google Workspace, Splunk, Wireshark, Flutter, Docker, Git, Stitch