

# Ashley Schippers

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Cloud Engineering Student | Manufacturing Leader | Homelabber

## About Me

I'm a multidisciplinary professional with over a decade of experience across manufacturing operations, CAD/CNC systems, and IT infrastructure — now advancing my career in cloud engineering. As Manufacturing Manager at Kitchens for Less, I've led teams, streamlined digital workflows, and bridged production with software-driven efficiency.

Currently, I'm studying toward a NZQA Level 7 Diploma in Cloud Engineering at Yoobee Colleges (specialising in AWS and Azure), and previously completed a Level 6 Cert in Intermediate Software Development at Future Skills Academy with an A+ grade. My homelab experiments include Proxmox, TrueNAS, VLANs, Portainer stacks, and local AI agents — blending real-world problem solving with scalable cloud-native design.

I thrive at the intersection of software, systems, and operations. Whether deploying hybrid cloud infrastructure, designing resilient backups, or building AI-powered workflows — I bring hands-on initiative and cross-domain fluency to every solution.

## Core Skills




- Cloud Architecture (AWS / Azure)
- Virtualization & Homelab Systems (Proxmox VE, TrueNAS SCALE)
- DevOps Tooling (GitHub Actions, CI/CD, Infrastructure as Code)
- Network & Security (VLANs, UniFi, IAM, VPC)
- AI Agents & Workflow Automation
- JavaScript, HTML5, CSS, WordPress
- CAD/CAM (Cabinet Vision, CorelDRAW, CNC)
- Google Analytics, Google Suite, Microsoft Office
- Cybersecurity Fundamentals (Cisco Cert)

## Education

Cert. in Intermediate Software Development (Level 6)  
Future Skills Academy – 2023  
Grade: A+

Diploma in Cloud Engineering (Level 7, NZQA)  
Yoobee Colleges – In Progress (64 weeks, started June 2025)

## Certifications

-  Cisco Introduction to Cybersecurity
-  AWS Academy Cloud Foundations (In Progress)
-  AZURE Cloud Fundamental

## Technologies Used

AWS, GitHub, Proxmox, TrueNAS

## Featured Projects

- Ashnet Resume Website – Deployed via GitHub → AWS S3 + CloudFront + HTTPS. Infrastructure-as-Code and CI/CD pipeline built from scratch.
- Proxmox + TrueNAS Homelab – Self-hosted virtualization stack with VLAN segmentation, backup automation, and AI workload testing (Arc B580).
- FurnitureShopee (React + Firebase) – Cloud-native ecommerce prototype with user auth, Firestore DB, and responsive UI.

## Contact

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