

# Adam Gatherer

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## About

I'm a server engineer from Scotland looking to move to cloud engineering with a focus on AWS and automation. This CV is adapted from my AWS hosted serverless [CV website](#).

## Work History

### Server Engineer

*NHS Lothian, Oct '22*

- Created, managed, and maintained network directories for users across the entirety of NHS Lothian whilst accommodating their unique needs for access control, data type, storage space, and expected growth
- Deployed and managed virtualised infrastructure with VMware vSphere
- Extensive use of PowerShell scripting to automate administration tasks
- Administered SQL databases for third party applications on Windows Server
- Developed and executed data migration plans for teams with large network directories as part of storage server management
- Working with the Digital Operations team to provide high quality service to over 30,000 users and over 600 servers
- Monitoring and managing server storage via Nagios to quickly respond to shortages
- Automated the installation process of the Nagios client through PowerShell scripting to reduce server build times
- Enabled third-party software installations through controlled access to servers

### Systems & Infrastructure Technician (Student Experience)

*Edinburgh Napier University, June '21 - Oct '22*

- Packaged software apps in VMware for cloud-enabled classroom use
- (Cloudpaging Studio)
- Analyzed and resolved virtualization and packaging issues with limited official documentation
- Deployed new infrastructure within tight timelines for academic year start
- Managed student volunteer team for lab upgrade initiatives
- Automated software installation through scripting (PowerShell, Bash, Python)
- Provided technical and non-technical support to staff and colleagues

### Customer Service Advisor

*Centrica, Jan '18 - Aug '19*

- Investigated and analyzed financial records, providing transparent payment plans to customers
- Produced technical reports for ticketing, complaints, and account management systems
- Resolved and de-escalated customer complaints with professionalism Automated daily tasks using Windows Task Scheduler
- Remained composed under pressure in gas and electrical emergencies as a first response team member

## Education

### BEng Computer Systems And Networks

*Edinburgh Napier University, Sept '21 - July '23*

- Degree awarded with distinction and winner of the university medal
- Networked Services: Linux filesystem, command shell scripting, system configuration (CentOS); web server configuration analysis & implementation (Apache2; network and server security, firewall configuration
- Practical Networks 3: OSI & TCP/IP network models and addressing schemes (IPv4, IPv6); WAN technologies and design
- Scripting for Cybersecurity and Networks: developed a [.pcap analysis script](#); design and implementation of well-written and modular Python code; scripting for security, networking, digital forensics
- Work Based Learning Module: worked in the IT industry for a year (Napier Uni, NHS Lothian); wrote critical reflection essays on technical, professional, and personal growth

### HND Computer Networking

*Edinburgh College, Aug '19 - July '21*

- Two year college diploma, A grade
- Systems modules: [Server Administration](#) (Windows Server 2019); Multi-User Operating Systems (Debian); Managing a Web Server (Apache, MariaDB, WordPress, PHP); Private Cloud Virtualisation (ESXi, VMware)
- Networking modules: Switching, Routing, and Wireless Essentials; Enterprise Networking, Security, and Automation
- Other modules: Team Working in Computing; Project Management for IT; Professionalism and Ethics in Computing

## Other

### Professional Certifications ([Credly](#))

- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Security, Compliance, and Identity Fundamentals Microsoft 365 Certified: Fundamentals

### Personal Projects

- [Cloud CV](#) - AWS cloud based serverless website with CI/CD;
- [Terraform Load Balancer](#) - Terraform project to deploy a load balancer on AWS
- [Tempercent](#) - Python based web app to show temperature as a percentage of the average (Flask, API calls, Poetry)
- [URL Shortener](#) - Python based web app to shorten URLs (FastAPI, Uvicorn, SQLAlchemy); project taken from RealPython.com

*References available upon request*