Haashim Alvi

Software Developer • Security Engineer

Junior DevOps engineer with hands-on experience automating deployments and managing infrastructure. Currently at **Sparta Global** developing enterprise DevOps skills through intensive training projects. Passionate about automation and continuously learning modern DevOps practices.

Email   LinkedIn   GitHub

Professional experience

DevOps Training Consultant

Sparta Global

Jan 2025 - Current

- Training in enterprise DevOps practices through hands-on projects: Azure, Terraform, Kubernetes, Jenkins, Docker, Ansible

- Reduced manual deployment steps from 8 to 2 by building CI/CD pipeline with Jenkins and Docker

- Managed configuration for 10+ Azure resources by implementing Terraform modules with state management

IT Technician

R.A.S Ltd

2024 - 2025

- Sole IT responsible for small business infrastructure: Office 365, firewall configuration, Windows servers, networking
- Achieved Cyber Essentials compliance by implementing required security controls and documentation
- Saved 3-4 hours weekly by automating Windows updates and backups with PowerShell scripts

DevOps Engineer

Dematic

2022 - 2023

- Improved deployment processes for warehouse software using Jenkins, Docker, and Ansible
- Enabled daily deployments (previously weekly) by implementing Jenkins pipeline with basic testing
- Reduced deployment issues by containerizing applications with Docker for consistency

Key projects

File Organization GUI - Python Desktop

File Organization GUI - Python Desktop Application

Automated file organization tool with GUI interface

Python • Tkinter • PyInstaller • +2 more

- Built Python/Tkinter desktop application to automate file organization based on user-defined rules

- Implemented CI/CD with Jenkins pipeline for automated builds using PyInstaller

DevOps Learning Documentation

Personal learning journey documentation and guides

Markdown • Git • Documentation

- Documented personal learning journey with detailed notes on Azure, Terraform, and Kubernetes

- Created step-by-step guides for Jenkins pipelines

and Ansible playbooks to help fellow trainees

Home Media Server - Kubernetes Infrastructure

Production-grade K3s cluster hosting 22 stateful applications

K3s • ArgoCD • LLDAP • +5 more

- •Orchestrated 22 stateful applications on K3s with LLDAP/Authelia authentication and ArgoCD GitOps

- •Implemented zero-trust security with 52 network policies controlling ingress/egress traffic flows

Dependency Update Automation

Automated dependency management with Renovate bot

Renovate • GitHub Actions • CI/CD

- •Configured Renovate bot to automatically check for updates across multiple repositories

- •Set up automated pull requests for container image updates with semantic versioning
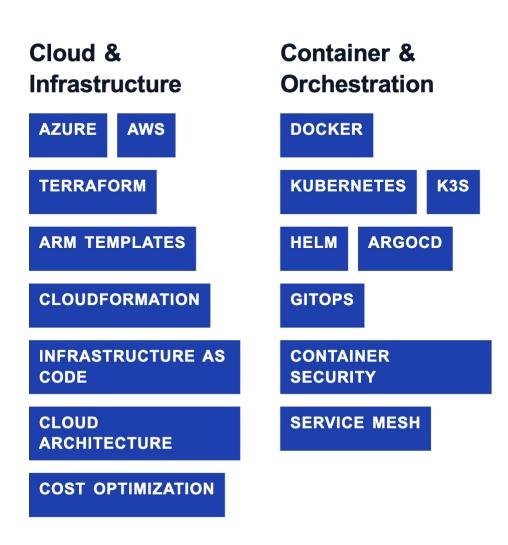
Bash Automation Scripts

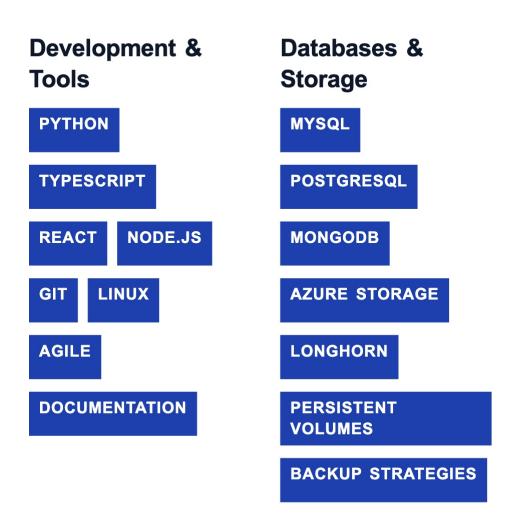**Collection of automation scripts for common**

tasks

Bash • Shell Scripting • Linux

- Created collection of Bash scripts for common tasks like backups, log rotation, and monitoring
- Automated daily backups to cloud storage with basic retention policies

Technical skills

Cloud & Infrastructure

AZURE   AWS

TERRAFORM

ARM TEMPLATES

CLOUDFORMATION

INFRASTRUCTURE AS CODE

CLOUD ARCHITECTURE

COST OPTIMIZATION

Container & Orchestration

DOCKER

KUBERNETES   K3S

HELM   ARGOCD

GITOPS

CONTAINER SECURITY

SERVICE MESH

CI/CD &   Monitoring &

CI/CD & Automation

JENKINS

GITHUB ACTIONS

AZURE DEVOPS

GITLAB CI

ANSIBLE

BASH SCRIPTING

PYTHON AUTOMATION

Monitoring & Security

PROMETHEUS

GRAFANA

ELK STACK

AZURE MONITOR

OWASP

NETWORK POLICIES

RBAC   ZERO TRUST

Development & Tools

PYTHON

TYPESCRIPT

REACT   NODE.JS

GIT   LINUX

AGILE

DOCUMENTATION

Databases & Storage

MYSQL

POSTGRESQL

MONGODB

AZURE STORAGE

LONGHORN

PERSISTENT VOLUMES

BACKUP STRATEGIES

Education

BSc (Hons) Computer Science with Web Development

University of Salford

Sep 2017 - Jul 2021

Grade: First Class Honours