SHOHRAB HOSSEN NIAZ

Senior DevOps & Platform Engineer | Azure ● AWS ● Kubernetes (CKA) ● Terraform ● DevSecOps

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Australian work rights (student visa) – full-time until 7 Mar 2027 | Full driver licence | Open to Adelaide hybrid/onsite and remote AU

PROFESSIONAL SUMMARY

Senior DevOps and Platform Engineer with 6.5+ years of multi-cloud delivery across Azure, AWS and GCP. Specialises in Kubernetes (AKS/EKS), Terraform infrastructure as code, Azure DevOps and GitHub Actions CI/CD, and embedding DevSecOps controls into pipelines. Migrated 15+ production services to AKS across 5 clusters (~240 nodes) at ~99.95% uptime, and built audit-ready, HIPAA-aligned Azure platforms for UnitedHealth Group. Certified Kubernetes Administrator (CKA) and Azure Administrator (AZ-104), currently completing an MSc in Cyber Security & Forensics at the University of the Sunshine Coast.

SELECTED ACHIEVEMENTS

- Migrated 15+ services from Docker Swarm to AKS (5 production clusters / ~240 nodes) with ~99.95% uptime.
- Cut manual provisioning effort by ~60% with Terraform-based multi-environment IaC.
- Managed hybrid Azure + AWS platforms with $20k–$100k/month cloud spend, focused on cost optimisation, HA and DR.
- Delivered Azure-first infrastructure for ~15 mission-critical healthcare services within a 30+ engineer platform organisation.
- Mentored 20+ engineers on IaC, containerisation and automated testing.

TECHNICAL SKILLS

- Cloud: Microsoft Azure (AKS, Azure DevOps, Functions, API Management, Logic Apps, Service Bus, Event Grid, Application Gateway, Key Vault, Azure Policy, Entra ID, Azure Monitor, Application Insights, Log Analytics); AWS (EKS, Glue, Athena, CloudWatch, CloudTrail, CodePipeline); GCP
- IaC & Configuration: Terraform, Terraform Cloud, Bicep, ARM templates, CloudFormation, Ansible
- CI/CD & GitOps: Azure Pipelines, GitHub Actions, GitLab CI, Jenkins, Argo CD
- Containers: Kubernetes (AKS, EKS, self-managed), Docker, Helm
- DevSecOps: SAST, IaC and container scanning (Semgrep, Checkov, Trivy), SBOM, secrets management, supply-chain hardening, IAM
- Observability: Prometheus, Grafana, ELK, Datadog, Azure Monitor, CloudWatch; P1/P2 incident response
- Languages & Data: Python, Go, Bash, PowerShell; REST APIs; PostgreSQL, MySQL, MongoDB, Oracle, Snowflake

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer (Contract) | Askturing.ai Apr 2025 – Present

Remote (US-based company)

- Lead end-to-end DevOps for an AI product platform: CI/CD, automation, Kubernetes and cloud security across hybrid Azure and AWS.
- Migrated 15+ production services from Docker Swarm to AKS across 5 clusters / ~240 nodes, achieving ~99.95% uptime.
- Designed Terraform IaC for multi-environment deployments, reducing manual provisioning effort by ~60%.
- Embedded DevSecOps: automated vulnerability scanning, secrets management and secure pipeline controls.
- Implemented centralised observability with ELK and Grafana, reducing mean time to detect production incidents.

DevOps Engineer | Genex Infosys Ltd (engaged via Grameenphone) Dec 2024 – Sep 2025

Dhaka, Bangladesh

- Built and maintained Jenkins and GitLab CI/CD pipelines for telecom systems serving millions of subscribers.
- Developed automation scripts for infrastructure provisioning and configuration management.
- Supported P1/P2 production incidents in a 24/7 environment, contributing to faster recovery and fewer repeat incidents.

Senior DevOps Engineer | Enosis Solutions Feb 2024 – Nov 2024

Dhaka, Bangladesh

- Led migration of legacy monolithic applications to microservices on Kubernetes, improving deployment cadence and fault isolation.
- Standardised CI/CD and containerisation, shortening release lead time; mentored 20+ engineers.

Senior DevOps Engineer (Contract) | MarginEdge Jan 2024 – Mar 2024

Remote (US-based company)

- Implemented cloud solutions across Azure, AWS and GCP for a hospitality SaaS platform; established monitoring and alerting.
- Championed DevSecOps earlier in the SDLC and led containerisation adoption.

Senior DevOps Engineer (Independent Contractor) | UnitedHealth Group Aug 2022 – May 2024

Remote (US-based company)

- Built Azure-first infrastructure on AKS, Azure DevOps, Functions, Application Gateway and Azure Monitor for ~15 mission-critical healthcare services.
- Built REST APIs and integration services with API Management, Functions, Logic Apps, Service Bus and Event Grid.
- Provisioned infrastructure with Bicep/ARM; implemented identity and access with Microsoft Entra ID.
- Applied secure-by-default patterns with Key Vault and Azure Policy guardrails under HIPAA-aligned controls.
- Produced architecture, capacity-planning and delivery proposals for new workload onboarding.

DevOps Engineer | BJIT Group Nov 2021 – Dec 2023

Dhaka, Bangladesh

- Designed and managed multi-cloud environments (Azure, AWS, GCP) for enterprise clients across 7+ projects.
- Built CI/CD pipelines (Azure Pipelines, Jenkins, GitLab, CodePipeline); provisioned with Terraform, Terraform Cloud and Ansible.
- Primary client liaison for requirements, cost estimation and architecture design; hardened runbooks.

Software Engineer | Adipster Tech Ltd Apr 2020 – May 2021

Hong Kong

- Developed full-stack web applications; refactoring cut response time ~40% and raised throughput ~15%.

OPEN-SOURCE PROJECTS (github.com/shohrabniaz)

- devsecops-pipeline: PR security gates with Semgrep, Checkov, Trivy, SBOM and compliance reporting in GitHub Actions.
- aks-terraform-module: opinionated Terraform module for private AKS with Entra ID RBAC, Workload Identity, Azure Policy and Container Insights.
- ai-incident-copilot: Python CLI that gathers Kubernetes logs, events and pod state to produce structured RCA reports (LLM-ready).

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA) • Microsoft Certified: Azure Administrator Associate (AZ-104) • AWS Certified Cloud Practitioner • Expert Scrum Master Certified (ESMC)

EDUCATION

- Master of Science, Cyber Security & Forensics – University of the Sunshine Coast (in progress, completing 2027)
- BSc, Computer Science & Engineering – North South University, Bangladesh (GPA 3.71/4.00), 2017 – 2021

REFEREES

Available on request.