

ALI ALJAFER

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SUMMARY

Cloud and DevOps Engineer with proven track record leading teams to deploy production-ready applications on AWS and Azure. Skilled in infrastructure as code, automation, and container orchestration. Excited to contribute to team success by building reliable, scalable infrastructure that supports business goals.

EDUCATION

DevOps & Cloud Computing Bootcamp	Nov. 2025
480 Training Hours, Saudi Digital Academy	
Bachelor of Science in Computer Science, with Minor in Mathematics	May 2024
Wright State University, Ohio, United States	GPA: 4.0/4.0

TECHNICAL SKILLS

Programming & Scripting: Python, Bash, TypeScript, Express.js
Infrastructure as Code: Terraform, Ansible, CloudFormation, AWS CDK
Containers & Orchestration: Docker, Kubernetes, Helm, NGINX Ingress, Cert-Manager
CI/CD & Automation: GitHub Actions, AWS CodeBuild, GitOps, ArgoCD, Jenkins (basic)
Monitoring & Observability: Prometheus, Grafana, CloudWatch, EventBridge, Application Insights
Security: Azure Key Vault, Secrets Management, WAF, Private Endpoints, Zero-Trust Architecture

PROJECTS

K3s Cluster Homelab — Personal Project	Nov. 2025
- Built a three-node Kubernetes cluster on bare-metal hardware with Pi-Hole, ArgoCD, self-hosted GitHub Actions runners (Action Runner Controller), and GPU-tainted nodes for ML workloads - Deployed Prometheus/Grafana monitoring stack using MetalLB, establishing full observability across control plane and worker nodes	
Catus Locatus — Team Lead	Oct. 2025
- Led team of 5 to architect production-ready, multi-cloud three-tier application on AKS using Terraform with fully automated infrastructure provisioning and DNS record sync across Azure and AWS via External-DNS - Implemented CI/CD pipelines with GitHub Actions achieving 50% reduction in builds and zero-downtime deployments with Prometheus/Grafana monitoring	
Ecommerce Three-tier Application on Azure — Team Lead	Sep. 2025
- Built zero-trust three-tier application using a modular Terraform approach with Application Gateway WAF as the single public point-of-entry, achieving database isolation from public Internet - Automated SonarQube setup using Ansible playbooks with health checks and secure token management	
Fitness Center Website — Volunteer	Feb–Jun 2025
- Designed scalable AWS infrastructure with RDS, VPC, ALB with SSL, and ECS achieving a 46% container size reduction through multi-stage builds - Implemented auto-scaling with Lambda, CloudWatch, and EventBridge for scale-to-zero services, reducing costs by 70% using EC2 Spot instances	

WORK EXPERIENCE

Lead Teaching Assistant — Wright State University	Jan. 2022 – May 2024
- Led team of 3 teaching assistants for CS1180: Programming with Java and CEG2350: OS Concepts & Usage courses, mentoring students on object-oriented programming concepts, data structures, and Linux systems - Automated grading and feedback processes using Bash and Python scripting, improving efficiency by 60%	

CERTIFICATIONS

Terraform Associate , HashiCorp	Aug. 2025
Solutions Architect – Associate , Amazon Web Services	Jul. 2025
AZ-900 Azure Fundamentals , Microsoft	Jun. 2025
SC-900 Security, Compliance, and Identity Fundamentals , Microsoft	Jun. 2025