

# EHSAN ULLAH

DevOps Engineer

## Profile

Dynamic **Cloud DevOps Engineer** with over 1 **year of hands-on experience** in optimizing and maintaining scalable infrastructure solutions. Committed to continuous improvement and delivering robust solutions that align with organizational goals.

## Certifications

- Cerified Kubernetes Administraor (CKA)** [Cert-Link](#)
- Certified Kubernetes Application Developer (CKAD)** [Cert-Link](#)
- Kubernetes and Cloud Native Associate (KCSA)** [Cert-Link](#)

## Education

**Artificial Intelligence Operations (RQF level 6), EduQual, UK,**  
March 2022 — May 2025

## Experience

**Cloud DevOps Engineer at Al Nafi, Remote - Ontario, Canada**  
March 2024 — April 2025

- Proficient in **Git** and **GitHub** , managing repositories, branching strategies, pull requests, and collaboration workflows for efficient version control.
- Developed and maintained **CI/CD** pipelines using **GitHub Actions** , automating build, test, and deployment processes across staging and production environments.
- Built and optimized **Docker** images using multi-stage builds, reducing image size and build time by 30%, improving efficiency and security.
- Deployed and managed **Kubernetes** clusters (kubeadm and Amazon **EKS** ); configured Deployments, StatefulSets, Services, Ingress, and PersistentVolumes for both stateless and stateful applications.
- Implemented **zero-downtime** rolling updates, readiness/liveness probes, and scaling policies using Horizontal Pod Autoscaler (**HPA**) to ensure high availability of mission-critical workloads.
- Created basic **Bash scripts** to automate routine tasks, improve efficiency, and support system operations.
- Wrote simple **Ansible** playbooks to automate server setup and software installation across multiple environments.
- Provisioned and maintained high-availability cloud infrastructure using **AWS** EC2 Auto Scaling groups, Load Balancers, Route 53, and CloudFront for low-latency content delivery and fault tolerance.
- Designed serverless workflows using **AWS Lambda** , **API Gateway** , **SQS** , and **SNS** to enable scalable, event-driven architectures.
- Hands-on experience with **Linux** (Ubuntu, CentOS) for system administration, package management, performance tuning, and troubleshooting.

## Details

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## Links

[Portfolio](#)  
[LinkedIn](#)  
[GitHub](#)

## Skills

AWS  
Azure  
Git  
CI/CD  
GitHub Actions  
Docker  
Kubernetes  
Argo CD  
Bash Scripting  
Ansible  
Python  
Linux  
Terraform  
Serverless  
Virtual Machines

## Languages

English  
Urdu  
Pashto  
Hindi

- Monitored infrastructure and application health using AWS **CloudWatch** and **CloudTrail** to track metrics, system logs, and security events.