

# Abir Hossain

## DevOps & Cloud Engineer

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### Profile

DevOps Engineer of 2 years with hands-on experience in cloud and on-premise infrastructures, CI/CD automation, container orchestration, and system security & compliance. Worked with tools like Jenkins, GitLab CI, Ansible, Docker, and Kubernetes to develop and maintain robust infrastructure across GCP, AWS, and other cloud platforms. Worked on maintaining compliance of cloud infrastructure. Holding certifications in GCP, Azure, and OCI. Highly motivated to expand my skill set and passionate about working with emerging technologies.

### EXPERIENCE

#### **BJIT Limited, Baridhara** - DevOps & Cloud Engineer

August 2023 - PRESENT

- Delivering systems aligned with clients' business objectives in a dynamic and globalized IT environment
- Contributing in Project management and client-side communication directly
- Using DevOps tools such as Jenkins, Ansible, Terraform, Docker, Kubernetes, GitLab CI to set up full production grade CI/CD pipeline
- Integrating security practices like SAST, DAST & SCA into CI/CD pipelines with tools like MergeBase, ZAP, Sophos, Blackduck
- Implementing monitoring & visualization system of deployments with Prometheus & Grafana

#### **BJIT Limited, Baridhara** - Trainee DevOps & Cloud Engineering

April 2023 - July 2023

- Learned on-premises and cloud systems
- Working with Linux systems and AWS
- Gaining experience on deploying and managing production grade CI/CD pipelines
- Worked with tools like Jenkins, Ansible, Docker, Kubernetes

### EDUCATION

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## **BRAC University, Dhaka - BSc. in Computer Science and Engineering**

January 2018 - January 2022

### **Projects**

#### **Java web app deployment in AWS and Kubernetes**

*Ubuntu, Nginx, EC2, VPC, Route 53, React, Java, MySQL, RDS, Ansible, Jenkins, Docker, Kubernetes, Prometheus, Graphana.*

- Designed & developed a system for deployment of Java/React web application for deployment in AWS and Kubernetes
- Jenkins CI/CD automation for building and deployment of application
- Used Ansible for setup and configuration of system
- Setup secure AWS cloud infrastructure with private VPC, EC2, RDS, Route 53, etc. with high availability and self-healing through autoscaling & load balancing
- Setup and manage Kubernetes cluster environment with high availability and self-healing functionality & load balancing
- Prioritized and implemented security and compliance measures
- Collaborated with development team for project success
- Deployed a monitoring visualization system with Prometheus & Graphana

#### **GCP Application Deployment**

*Debian, Apache, Compute Engine, Cloud VPC, Cloud DNS, React, Laravel, MySQL, MergeBase, GitLab SAST, Blackduck, ZAP, Cloud SQL, GitLab CI.*

- Designed & developed a system for deployment of Laravel/React web application for deployment in GCP infrastructure
- Manage & maintain entire GCP infrastructure
- Integrate monitoring functionalities with Sophos MDR and Cloud Optix for stability
- Utilize GitLab CI for automating and managing the robust and secure CI/CD pipeline
- Verify and maintain security best practices like SAST, DAST and SCA

#### **Private Static Package Management Solution**

*Sleet, S3, CloudFront, Lambda, IAM, Secrets Manager, Compute Engine, GitLab CI, Visual Studio, .Net.*

- Developed and implement a private package management solution for NuGet package feed
- Implemented a simple private auth system using Lambda and Secrets Manager
- Monitored infrastructure & ensure availability, stability and security.
- Utilized GitLab CI to build and upload packages to S3 bucket.

## Certificates

<b>Google Cloud Certified</b> <i>Associate Cloud Engineer</i>	2024-2027
<b>Microsoft Certified</b> <i>Azure AI Engineer Associate</i>	2025-2026
<b>Oracle Certified</b> <i>Foundations Associate</i>	2025

## SKILLS

- **Frameworks:** React, Sprint boot, .Net, Laravel, Django
- **Server Management:** Debian, RHEL, Windows Server
- **Web Servers:** Apache httpd, Nginx
- **Cloud:** Google Cloud Platform(GCP), Amazon Web Services(AWS), Oracle Cloud Infrastructure (OCI)
- **DevOps Tool:** Git, GitLab, Jenkins, Ansible, Terraform etc.
- **Container Orchestration:** Docker and Kubernetes
- **Databases:** MySQL, MongoDB
- **Security Tools:** ZAP, GitLab SEMGREP SAST, MergeBase, Blackduck, Sophos, etc.

## Reference

- **Md Samin Irtiza**  
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Relisource  
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- **Abid Hasan**  
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