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Links

 [LinkedIn](#)

 [GitHub](#)

 [Behance](#)

Education

S.S.C

Patua Mehedibag High School.
2015 - 2016

4 Years Diploma in Design

Govt. Graphic Arts Institute
2016 - 2021

BSc. in CSE

Bangladesh University
2023 - Continue

Industry Knowledge

Docker

Kubernetes

Prometheus

Datadog

Git

Bitbucket

Nginx

Apache

SSL/TLS

Research Plan

SSH

Design Thinking

Tools

AWS

Google Cloud Platform

Azure

HTML

CSS

C++

Adobe Photoshop

Figma



Abir Al Zubayer

Engineering the Cloud | DevOps in Progress

Career Summary

Aspiring DevOps Engineer with a background in UI/UX design and strong problem-solving skills. Gained hands on experience in DevOps through Coursera training and practical projects with my brother. Seeking a DevOps internship to apply my knowledge in cloud computing, CI/CD pipelines, infrastructure automation, and Linux administration.

Skills & Technologies

- **Cloud & Infrastructure:** AWS (EC2, S3, IAM), Docker, Kubernetes
- **CI/CD & Automation:** Git, Jenkins, GitHub Actions, Terraform, Ansible
- **Scripting & Programming:** Python, Bash scripting
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack
- **OS & Networking:** Linux (Ubuntu, CentOS), Nginx, Apache
- **Version Control & Collaboration:** Git, GitHub, GitLab
- **Security & Compliance:** SSH, Firewall, SSL/TLS

Projects & Experience

Automated CI/CD Pipeline Setup

- Designed and implemented a CI/CD pipeline using GitHub Actions and Jenkins
- Deployed containerized applications using Docker and Kubernetes

AWS Infrastructure Deployment

- Configured AWS EC2 instances and automated provisioning using Terraform
- Implemented security best practices with IAM policies and firewall settings

Server Monitoring

- Set up a monitoring system for logging and alerting on a Linux server

Language

Bangla

English

Hobby

Reading

Jourlaning

Gardening

Teaching

Traveling

Extra Curriculum Activities

Debate, Presentation, Free Blood donation, Worked for a street child, Rover Scout

References

Dr. Md. Asraf Ali

Professor, Faculty, Department of Computer Science.

[American International University - Bangladesh](#)

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Practice Exercise

Automated CI/CD Pipeline Setup

This project was a self initiated simulation designed to practice and demonstrate a full DevOps workflow. I set up a local development environment where:

- Integrated Jenkins with GitHub to automate build and deployment tasks.
- Created and pushed a sample Node.js application to a GitHub repository.
- Used Docker to build and run containerized versions of the application.
- Wrote Kubernetes manifests to manage deployments, services, and auto-scaling in a simulated cluster.
- Configured rolling updates and rollbacks using Kubernetes CLI.
- Used Bash scripts to automate environment setup and resource cleanup.
- Implemented Nginx as a reverse proxy and tested service availability across replicas.
- Set up Prometheus and Grafana to monitor container performance and visualize key metrics.
- Deployed a three-tier application architecture (frontend, backend, and database) using Kubernetes, managing communication across services using internal networking.

This project allowed me to gain confidence in orchestrating DevOps pipelines and managing cloud-native deployments in a controlled environment.

Work History

UX/UI Designer

DipChain Labs

Dhaka, Bangladesh; From September 2022 to November 2024.

UI/UX background enhances my DevOps skills by making automation tools, dashboards, and workflows more user-friendly. Designing intuitive interfaces improves efficiency, reduces complexity, and enhances collaboration between development and operations teams. By applying UX principles, I create seamless experiences for monitoring systems and CI/CD pipelines, ensuring better adoption and productivity in DevOps processes.

Certifications & Training

Google Coursera DevOps Specialization

- Google Coursera DevOps Specialization – Completed hands-on labs on Docker, Kubernetes, and CI/CD pipelines
- Linux & Cloud Fundamentals – Self-taught and mentored by my brother through real-world projects

"I believe in creating simple and minimal designs to improve accessibility. User interfaces should foster intelligent, intuitive, and delightful interactions between humans and machines."