

MOHIBUL ALAM

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Skills

- C | C++ | Golang
- AWS | Docker | Kubernetes | Terraform | Linux | Azure | DigitalOcean | AWS CDK
- Github Actions Workflow | AWS Codepipeline | Gitlab CI/CD | Azure DevOps Pipeline | Jenkins | Prometheus | Grafana

Experience

Associate DevOps Engineer

Brain Station 23

Dhaka, Bangladesh

07/2022 - Present

- Proficient in managing cloud technologies such as AWS, Azure, DigitalOcean, and on-premises servers.
- Successfully automated cloud infrastructure using Terraform and AWS CDK, streamlining deployment processes.
- Demonstrated expertise in designing and implementing robust CI/CD pipelines, utilizing tools such as Github Actions, Gitlab CI/CD, AWS CodePipeline, Azure DevOps Pipeline, and Jenkins.
- Experienced in various software architecture paradigms, including microservices, event-driven systems, serverless computing, and containerization.
- Provided comprehensive support for Linux server administration, ensuring the smooth operation of critical systems.
- Proactively maintained production servers, identifying and resolving root causes of issues to ensure system stability.
- Practiced DevSecOps methodologies to ensure the security and compliance of cloud-based infrastructure and applications.
- Implemented continuous monitoring with Grafana, Prometheus, and CloudWatch for real-time system performance insights and issue resolution.

DevOps Engineer, Trainee

Brain Station 23

Dhaka, Bangladesh

01/2022 - 06/2022

- Implemented infrastructure as code using Terraform to manage AWS resources, resulting in consistent and reproducible environments.
- Assisted in the setup and configuration of Kubernetes clusters for container orchestration, ensuring high availability and scalability.
- Contributed to the implementation of a containerization strategy using Docker, resulting in improved scalability and resource utilization.
- Collaborated with the development team to improve CI/CD pipelines and ensure smooth application deployments.

Education

Bachelor of Science in Software Engineering

University of Dhaka

Dhaka, Bangladesh

2018 - 2022

- CGPA 3.61 (out of 4.00)

Certification

- [AWS Solution Architect- Associate \(AWS SAA C03\)](#): Demonstrating my expertise in designing scalable and cost-effective AWS cloud solutions. This certification validates my ability to architect and deploy secure, highly available, and fault-tolerant systems on the AWS platform. (Expires on 05/2026)

Projects

- **Abra**: (Terraform, Gitlab CI/CD, AWS Lambda, SQS, EventBridge, IAM, CloudWatch, CloudFront, S3, Cognito, DynamoDB, SNS and SES) An IoT project that provides home insurance against burglary, fire, and water damage. It automatically responds to incidents and alerts the user for quick action.
- **Task Station**: (Terraform, AWS EKS, Code Pipeline, S3, CloudFront, VPC, EC2, Load Balancer, Route53, and Certificate Manager). A time tracking tool for employees. It seamlessly integrates with Jira, Azure DevOps, ERP to track project information, tasks, and time.
- **Wilhelmsen Platform 13**: (Azure Container Instance, Container Registry, App Service, Cosmos DB, Function, Service Bus and Azure DevOps Pipeline) A modern port management solution that simplifies operations, enhances collaboration, and improves efficiency for port administrations, shaping the future of port management.
- **Kortfilm**: (CI/CD with Github Actions, AWS EC2, Lambda, RDS, Elastic Transcoder, SQS and Cloudfront) A film festival management system that handles ticketing, tourist accommodations, festival information, and offers movie access through subscriptions.

Achievements

- First Runner Up in the **BUET CSE Fest DevOps Hackathon 2022**, showcasing DevOps skills and innovation.
- Achieved a 4th place finish at the **IIT DU Independence Cup Programming Contest 2019**.