

Mustafizur Rahman

Cloud Enthusiast

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🌐 Personal Website

🌐 LinkedIn Profile

EDUCATION

•Digital Media M.Sc.(Media Informatics)

Oct. 2021 - Today

Universität Bremen

Grade average 1.56

EXPERIENCE

•AWS Cloud Solution Architect Intern

Aug. 2023 - Today

Azzda Technology Solution, Finland

Online

- Proficient in AWS cloud computing services like EC2, S3, RDS, Lambda, IAM, VPC, etc., with expertise in designing fault-tolerant, highly available, and scalable solutions, and hands-on experience in cloud infrastructure provisioning, monitoring, and automation for security, performance, and cost optimization.

•Student Research Assistant

June 2021 - Today

BIBA–Bremer Institut für Produktion und Logistik GmbH

- Emphasis on component recognition and Point Cloud-CAD model alignment, with testing of tools like Cloud Compare and CANUPO plugin.
- Utilized Nextcloud and Camunda for streamlined project management and collaboration.

PROJECTS

•Container and Kubernetes Essentials V2

Experienced in Docker and Containerization via IBM Cloud Container Registry, including Guestbook Application deployment.

- Designed and Deployed a Guestbook App.Demonstrated Docker Proficiency.
- Implemented Horizontal Pod Autoscaling.Orchestrated Deployment Strategies. Managed Docker Registry Operations.

•Terraform: Automate Provisioning of AWS EC2 Instances

This project involves automating infrastructure by specifying preferences and using Terraform scripts to provision AWS EC2 servers.

- Understand Terraform Lifecycle, Strong grasp of Core Terraform Concepts and proficiency in reviewing Terraform Scripts
- Skilled in navigating AWS Accounts and obtaining IAM Credentials. Experienced in running Terraform to provision EC2 Instances

•AWS S3 Mastery

Leveraging Cloud Storage for Data Management and Web Hosting.

- Established an S3 bucket as the project's foundation for object storage on AWS, followed by proficient content uploads and access permission management in the AWS S3 environment.

•Kubernetes and AWS: A Hands-On EKS Experience

Mastering AWS and Kubernetes: Launch with Hands-On EKS Experience

- Established and managed a Kubernetes environment on AWS, including the deployment of applications on an Amazon EKS cluster while mastering essential AWS services like IAM, EC2, and VPC integration.

•Creabots

Virtual environments are employed to investigate affordances using reinforcement learning.

- Virtual Reality (VR) and OptiTrack technology were used to investigate affordances.
- Reinforcement learning was employed to study and improve affordance understanding in virtual environments.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Go, Processing

Project Management Tools : Asana, Trello, Camunda, NextCloud

Container Orchestration: Kubernetes, Amazon EC2 Container Service (ECS), AWS Elastic Kubernetes Service (EKS)

Cloud/Databases: MongoDB, Firebase, Relational Database(mysql)

Cyber Security Tools: Nmap, Metasploit, Penetration Testing (Wappalyzer)

Web Dev Tools: Nodejs, VScode, Git, Github

Design and Interface Tools: 3D modeling: Blender, 3D CAD, CloudCompare, Inventor. UI/UX: AdobeXD, Figma.

Soft Skills: Problem-Solving, Teamwork, Time Management, Self-learning, Presentation, Adaptability, Attention to Detail, Continuous Learning.

Areas of Interest: Cloud Computing and Cloud Security

LANGUAGE EFFICIENCY

•Deutsch

Business fluent

•English

Business fluent