Mustafizur Rahman

Cloud Enthusiast

✉ html.mmr@gmail.com

Nidersachsendamm 58, 28201 Bremen

✆ +49-1764 3830270

Personal Website

LinkedIn Profile

EDUCATION

- **Digital Media M.Sc.(Media Informatics)** *Oct. 2021 - Today*

  Universität Bremen average 1.56

EXPERIENCE

- **AWS Cloud Solution Architect Intern** *Aug. 2023 - Today*

  Azzda Technology Solution, Finland Online
  - In-depth understanding of AWS cloud computing services, including EC2, S3, RDS, Lambda, IAM, VPC, and more.
  - Proficient in designing, deploying, and managing fault-tolerant, highly available, and scalable AWS solutions.
  - Hands-on experience in cloud infrastructure provisioning, monitoring, and automation using AWS Management Console, Framework, 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

- **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 Recommended experience.

- **AWS S3 Mastery**

  Leveraging Cloud Storage for Data Management and Web Hosting.
  - Created an S3 bucket as the first step in the project, demonstrating the ability to set up a foundational resource for object storage on AWS.
  - Uploaded content to the S3 bucket and managed access permissions, showcasing the practical knowledge of adding as well , organizing, and securing data within the AWS S3 environment.

- **Kubernetes and AWS: A Hands-On EKS Experience**

  Mastering AWS and Kubernetes: Launch with Hands-On EKS Experience
  - Set up and prepared a system for Kubernetes on AWS
  - Created and explored an Amazon EKS cluster on AWS, gaining practical experience in managing Kubernetes clusters.
  - Deployed an application to AWS EKS cluster while learning about crucial AWS services like IAM, EC2, and VPC in the process.

- **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*