Mustafizur Rahman

html.mmr@gmail.com
Cloud Solution Architect
Nidersachsendamm 58, 28201 Bremen

+49-1764 3830270
GitHub Profile
LinkedIn Profile

Education

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

Universität Bremen 88 ECTS earned out of 120, 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
- Clean up Infrastructure and Learn how Terraform is used for DevOps 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, organizing, and securing data within the AWS S3 environment.
- Uploaded content to the S3 bucket and managed access permissions, showcasing the practical knowledge of adding, organizing, and securing data within the AWS S3 environment.

•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 Proficiency

•Deutsch *Business fluent*

•English *Business fluent*