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Cloud Solution Architect

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🌐 Personal Website

🌐 LinkedIn Profile

EDUCATION

•Digital Media M.Sc.(Media Informatics)

Universität Bremen

Oct. 2021 - Today

88 ECTS earned out of 120, average 1.56

EXPERIENCE

•AWS Cloud Solution Architect - Intern

Azzda Technology Solution, Finland

Aug. 2023 - Today

Remote

- 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

BIBA–Bremer Institut für Produktion und Logistik GmbH

June 2021 - Today

- 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.
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•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