

# MAHABUB HASAN

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<https://www.linkedin.com/in/mahabub-hasan/> <https://mahabub281749.github.io/Portfolio-Mahabub-Hasan/>  
<https://github.com/Mahabub281749>

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## PROFILE

An aspiring cloud engineer who is passionate about utilizing cloud technologies to optimize business processes and deliver innovative solutions to clients. Have gained hands-on experience in configuring, deploying, and managing cloud infrastructures, leveraging various cloud platforms such as AWS, and Azure. By doing different projects and certified courses. Familiar with automating deployment pipelines using tools like Jenkins and GitLab CI/CD, infrastructure-as-code tools such as Terraform, programming language such as Python, and possess knowledge of containerization technologies like Docker.

Have experience with Agile practices such as Jira and have used it to track and manage project progress, sprint planning, and issue tracking. Excellent communication and collaboration skills, along with the ability to work effectively with cross-functional teams and stakeholders to identify project needs, communicate project status, and manage project risks. Currently seeking to work in a dynamic environment, as a team to contribute effectively for attaining organisation goals, thereby, building experience in new technologies providing scope for the upward movement of the career graph.

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## EXPERIENCE

**Dec 2022 – Present**

**Project Engineer | Nanoform Finland**

**Espoo, Finland**

- To lead, manage and deliver CAPEX projects (Pharmaceutical GMP sector). Particularly in expansion of GMP manufacturing facilities (Cleanroom/HVAC (BMS, EMS)), including a portfolio of GMP equipment/utilities.
- Designing and implementing new R&D lines. Configuring CO<sub>2</sub> Pump motor drives, Line HMI, Pump PID values, CO<sub>2</sub> alarm equipment.
- Coordinating with cross-functional teams and suppliers to ensure project deliverables are met on time and within budget. Developing project plans and progress reports for management review.
- Conducting risk assessments and implementing risk mitigation strategies. Performing FAT, SAT, IQOQ and PQ. Writing URS, CRFs, FDS, HDS and Qualification protocols.

**May 2021 – Nov 2022**

**Engineering Operator | Nanoform Finland**

**Espoo, Finland**

- Performed maintenance and calibration on the tools and equipment for optimization and fault prevention. Performed equipment qualification and validation activities.
- Utilized various measurement tools and loggers to gather data for troubleshooting equipment and operational issues.

**Apr 2020 – Apr 2021**

**As-Built Electrical Engineer | Enersense Internation Oyj**

**Eurajoki, Finland**

- Technical check of files (Electrical and mechanical design of the product, Data Sheet, Layout) from sub-suppliers using the AIMS server. Fill-up review sheets about the technical check of the files and return to doc-center by issuing tickets using GLPI for sending it to the supplier.

**Sep 2015 – Aug 2018**

**Assistant Engineer | Summit Communications Limited**

**Dhaka, Bangladesh**

- Designed test plans, wrote test procedures, reviewed schematics, and prepared test environment.
- Completed test runs to verify design parameters. Documented and presented test results to senior engineers for analysis. Uploaded script into Juniper ACX 2200, MX 480, MX 240, Huawei ATN 910 telecom network router.
- Identified errors and recommended possible solutions after conducting monthly planned maintenance of power system and electrical tools.

**May 2014 – Aug 2015**

**System Engineer | Transcom Limited**

**Dhaka, Bangladesh**

- Hardware and Microsoft support for the Client machines through the online network. Implemented and configured the corporate LAN and WLAN

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## EDUCATION

2018 – 2022

### Master's in Electrical engineering

Tampere University, Finland

2010 – 2014

### Bachelor's in Electrical & Electronic Engineering

Ahsanullah University of Science & Technology, Bangladesh

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## CERTIFICATION

- **Microsoft Certified: Azure Fundamentals** Microsoft | 28.12.2022
- **HashiCorp Certified: Terraform Associate (002)** HashiCorp | 18.10.2022
- **AWS Certified Cloud Practitioner** AWS | 07.07.2022
- **Introduction To Web Development and Programming** FiTech Network University (Aalto University) | 14.06.2022

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## SKILLS

Platforms: Amazon web Services, Azure, Docker, Robot Framework

Languages: Python, Shell Script

Tools: Terraform, Git, Gitlab, AWS CLI, Postman

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## COURSES

- Ultimate AWS Certified Cloud Practitioner – 2022 Udemy
- Deploy Fargate ECS Apps & Infrastructure: AWS With Terraform Udemy
- Deploying Your AWS Application to The Cloud with Docker LinkedIn
- Programming For Everybody (Getting Started with Python) Coursera
- Introduction To Git and GitHub Coursera
- Docker For the Absolute Beginner - Hands On – DevOps Udemy
- DevOps Foundations: Continuous Delivery/Continuous Integration LinkedIn
- Learning Linux Command Line LinkedIn
- Linux: Bash Shell and Scripts LinkedIn

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## PROJECTS

- AWS ECS Fargate - Spring Boot App ([Git Link](#))
- React-app-testing-and-deployment-by-CI-CD-workflow ([Git Link](#))
- Portfolio: Created a responsive personal portfolio website design by using HTML, CSS, and JavaScript from scratch. ([Git Link](#))
- Python Rest APIs With Flask ([Git Link](#))
- Dockerizing Rest API ([Git Link](#))
- Project Database as A Service Restful API ([Git Link](#))
- AWS Hands on ([Git Link](#))

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## LANGUAGE

- **Bengali:** Native proficiency
- **English:** Professional proficiency

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## REFERENCE

- References available upon request