



# MAHABUB HASAN

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<https://www.linkedin.com/in/mahabub-hasan/> in

<https://mahabub281749.github.io/Portfolio-Mahabub-Hasan/> 🌐

## PROFILE

Highly motivated, self-starting developer seeking full-time cloud engineer role where existing knowledge of cloud infrastructure can be built upon and put into practice. Familiar with AWS cloud services, Cloud computing, Web Application/Restful API, Git, Terraform, Bash Scripting, Docker, Python, Robot Framework. Learned and gained experience on these language & tools by completing different certified courses and projects from different platforms. Additionally, eager to learn new technologies related to cloud computing and test skills by taking certified exams. Currently, besides work, doing self-study for taking AWS Certified Solutions Architect - Associate, HashiCorp Certified: Terraform Associate exam.

Excellent communication and time management skills along with the ability to work independently to provide technical solutions. 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.

## EXPERIENCE

### Engineering Operator | Nanoform Finland

#### 2021 - CONTINUING

- Coordinating and performing preventive maintenance of AH unit, Nanonization system, equipment in technical room, Biosafety cabinets, Electrical cabinets.
- Coordinating annual calibration of temperature sensors, pressure sensors, flow meter, Air humidity and pressure sensors in GMP area.
- Configuring CO2 Pump motor drives, Line HMI, Pump PID values, CO2 alarm equipment.
- Coordinating different equipment installation work with different supplier, testing after installation, and writing test report. Participating in new lines implementation projects.
- Identifying required spare parts for R&D and GMP lines and doing spare parts management using Power Apps.
- New supplier acquisition, updating existing SQA, service agreements, order management.
- Ensuring all equipment is available for full use for the maximum amount of time possible by doing maintenance and calibration work
- Utilizing various measurement tools and loggers to gather data for troubleshooting equipment and operational issues.
- Writing QMS documents (change control, deviations, CAPA, SOPs)
- Performing equipment qualification and validation activities.
- Participating in SCADA and ERP implementation project.

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

#### 2020 - 2021

- 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.

### Assistant Engineer | Summit Communications Limited

#### 2015 - 2018

- 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.
- Wrote, reviewed, and uploaded script into Juniper ACX 2200, MX 480, MX 240, Huawei ATN 910 telecom network router.
- Identified errors and recommended possible solution after conducting monthly planned maintenance of power system and electrical tools.
- Researched root cause analysis and providing feedback for product issues reported by the field professionals and customers within the SLA

### System Engineer | Transcom Limited

#### 2014 - 2015

- Implemented automatic server room security (camera control, lamp control, door control) using OMRON CX Programmer software.
- Implemented PLC program for two-way switch system for staircase light.
- Hardware and Microsoft support for the Client machines through the online network.
- Implemented and configured the corporate LAN and WLAN

## EDUCATION

- **Master's In electrical engineering**  
Tampere University, Finland  
2018 - 2022
- **Bachelor's in Electrical & Electronic Engineering**  
Ahsanullah University of Science & Technology, Bangladesh  
2010 – 2014

## CERTIFICATION

- **AWS Certified Cloud Practitioner**  
Platform: AWS  
Issued Date: 07.07.2022  
[AWS Certified Cloud Practitioner - Credly](#)
- **Introduction To Web Development and Programming**  
Platform: FiTech Network University (Aalto University)  
Issued Date: 14.06.2022  
[Open Badge Passport](#)

## SKILLS

- Cloud Computing: AWS
- Python
- Terraform
- Web Development
- Test Automation
- Postman
- Robot Framework
- Docker
- Version Control: Git
- Shell/ Bash Scripting

## COURSES

- Ultimate AWS Certified Cloud Practitioner – 2022: Udemy
- AWS Cloud Practitioner Essentials: AWS Training & Certification
- Deploying Your AWS Application to The Cloud with Docker: LinkedIn
- Programming For Everybody (Getting Started with Python): Coursera
- Python Essential Training: LinkedIn
- Introduction To Git and GitHub: Coursera
- Getting Started with Git and GitHub: Coursera
- Docker For the Absolute Beginner - Hands On – DevOps: Udemy
- Docker Essential Training: 1 Installation and Configuration: LinkedIn
- Docker: Continuous Delivery: LinkedIn
- DevOps Foundations: Containers: LinkedIn
- DevOps Foundations: Continuous Delivery/Continuous Integration: LinkedIn
- Learning PowerShell: LinkedIn
- Learning Linux Command Line: LinkedIn
- Linux: Bash Shell and Scripts: LinkedIn
- HTML Essential Training: LinkedIn
- Introduction To Web Design and Development: LinkedIn

## PROJECTS

- **Portfolio:** Created a responsive personal portfolio website design by using HTML CSS and Vanilla JavaScript from scratch. (<https://mahabub281749.github.io/Portfolio-Mahabub-Hasan/>)
- **Python Rest APIs With Flask** (<https://github.com/Mahabub281749/Python-Rest-APIs-with-Flask>)
- **Dockerizing Rest API** <https://github.com/Mahabub281749/Dockerizing-REST-API>
- **Project Database as A Service Restful API** <https://github.com/Mahabub281749/Project-Database-As-A-Service-Restful-API>
- **Configuring Your IDE For Absolute Beginners with AWS Cloud9:** Learned to configure IDE with AWS cloud9, explored various features of the IDE, learned to shut down the instance and deleted environment [https://drive.google.com/file/d/1Ljw\\_mzMCGJWdZRnMKhGYgUQ2k-1BM7e/view](https://drive.google.com/file/d/1Ljw_mzMCGJWdZRnMKhGYgUQ2k-1BM7e/view)
- **Create A Virtual Private Cloud (VPC) Using AWS:** Successfully created a virtual private cloud using Amazon Web Services and launched a virtual machine instance in that cloud. <https://drive.google.com/file/d/1hibHDPvb-qGNFdnqyvJERYnOuWD5zIZI/view>

LANGUAGE

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

REFERENCE