

# Md Maruf Hossain

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## PROFILE SUMMARY

Aspiring DevOps Engineer with over 1 year diving innovation through hands on **Kubernetes**, **Docker** and Implementing scalable **CI/CD** Pipelines. Proficient in applying security practices for robust application delivery, German proficiency at **B2** level.

## EDUCATION

Frankfurt University of Applied Sciences

Frankfurt Am Main

**Master of Engineering (M.Eng.) in Information Technology**

2022 – Laufend

American International University Bangladesh

Dhaka

**BSc in Computer Science and Technology**

2016– 2020

## TOOLS AND SKILLS

**Programming & Scripting:** Python, Java, Node Js, React Js, Express Js, Typescript | **Database Management Systems:** Mongo DB, SQL | **Database:** RDMS, NoSQL | **Container Platform:** Docker, Kubernetes | **Version Control:** Git, GitHub | **Platform:** Devops, Aws, cloud | **CI/CD Tools:** Jenkins.

## EXPERIENCE

Oscillosoft Pvt Ltd

Dhaka

**Software Developer intern**

2020–2021

- Orchestrated a fullstack application with **k8s, docker** and implemented end to end automation CI/CD pipeline.

## PROJECTS

**Wunder Lust: fullstack App in React Js, Express Js, Node Js and MongoDB, Optimized with EKS and Jenkins**

2025-2025

- Engineered and streamlined a travel booking application using **docker** containerization and **Kubernetes**.
- Accelerated infrastructure automation by using **Terraform, Ansible** on **AWS** and reduced provisioning by 60%.
- Established monitoring by setting up **Prometheus** and **Grafana** to expedite error detection and streamline alert management.

**Voting App built in python, .Net, Node js and Postgres and Optimized with EC2 and K8s.**

2024–2025

- Implemented **Gitops** based **CI/CD** with the help of **Argo CD** which accelerated the release cycle by 75%.
- Improved the resource allocation and **fault tolerance**, Enhancing applications **stability** and **scalability** by 30%.

## ACHIEVEMENTS

- TELC B1 Deutsch Certificate**
- Agile Project Management with JIRA & Confluence (2024) (Udemy)

## LANGUAGE

- Deutsch ( **B2 or Business Professional** )
- English ( **Fluent** )