

# SALMAN AHSAN

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🌐 LinkedIn | 🐙 GitHub | 📁 Portfolio

## EDUCATION

### Islamic University of Technology

BSc in Software Engineering, CGPA: 3.65

Board Bazar, Gazipur

2020 - 2024

### Dhaka Residential Model College

Higher Secondary Certificate, GPA: 5.00

Mohammadpur, Dhaka

2017 - 2019

## EXPERIENCE

### KloverCloud | Backend Engineer

Road 03, Banani, Dhaka | Jun 2023 - Sept 2023

- Hands on experience on both Development and Deployment of Client Projects
- Implemented KloverCloud dashboard functionalities for purchasing Client services using the best practices of Microservice Architecture development
- Practices include Load Balancing, CI/CD pipelines, Containerization, Logging and Monitoring

## SKILLS

<b>Languages:</b>	C++, Python, Java, JavaScript, GO	<b>Frameworks:</b>	React, Express, JavaFX, Echo, SpringBoot
<b>Tools:</b>	Github, Docker, Jenkins, Postman, Jira, Github Actions	<b>Databases:</b>	SQL, MySQL, MongoDB
<b>Libraries:</b>	OpenCV	<b>Cloud:</b>	Microsoft Azure

## PROJECTS / OPEN-SOURCE

### MeSeeks - Web Application | 📄 Source Code

[React, Express, MongoDB, NodeJS]

- A worker hiring system which serves as a platform for customers and handy men to connect.
- Had three roles of admin (monitoring), worker & users (to hire or get hired)
- Further includes User Feedback System, Ban and Unban users

### DinoSpace | 📄 Source Code

[React, Express, MongoDB, NodeJS]

- A restaurant reservation system for specific events like Iftar, Birthday Party, Buffet and other celebrative events
- Users can get detailed contact list of restaurants and see additional details like user reviews, images and Restaurants can add events, upload images and add additional details to their profile

### Aruco Marker Detection | 📄 Source Code

[OpenCV Library]

- Developed a system for UR3 Robotic Arms to detect Aruco Markers, find the distance from center to the marker with depth camera and find real time X-Y coordinates

## ACHIEVEMENTS

### DevOps Hackathon Competition | BUET CSE Fest,23| 📄 Source Code

[Jenkins, GCP, K8S, Grafana]

- Create a Vaccination System with specified DevOps Principles

🏆 Placement: Honorable mention

### DevOps Hackathon Competition | IT-Verse, DU '24| 📄 Source Code

[Azure, Github Actions, Terraform]

- Create a TaxCalculator with specified DevOps Principles

🏆 Placement: Top 10

## CO-CURRICULAR ACTIVITIES

- Was Event Executive for DevOps Hackathon at IUT 11th National ICT Fest and was involved in making judging criteria, rubrics, setting questions which involved study of sophisticated software architecture and communication with judges & leadership role towards volunteers etc
- Senior Member at IUT MARS ROVER Club - Learning ROS2 and 3D Path Planning
- Chess Competition 2nd runners up at Inter College Competition (DRMC)