



# MUHIB AL HASAN

SOFTWARE ENGINEER

Dhaka, Bangladesh.

## PROFESSIONAL EXPERIENCES

### UJET

**Software Engineer II** · Aug 2025 - Jan 2026

**Software Engineer** · May 2024 - Aug 2025

San Francisco, CA, USA · Remote · Full-time

- ◆ Collaborated with engineers from 4+ countries, following industry-standard SDLC practices under guidance from Google's engineering team.
- ◆ Worked on developing and maintaining a robust Customer Center platform using Ruby on Rails and Node.js, with a mix of monolithic and microservice architectures, deployed on GCP using Kubernetes.
- ◆ Followed GitLab Flow and Trunk-based branching strategy, implemented CI pipelines using GitHub Actions.
- ◆ Applied SOLID principles and design patterns, wrote Technical Design Documents, and contributed to rigorous code reviews to improve code quality.

### ITD Security

**Full-stack Developer** · Aug 2023 - Jan 2024

Dubai, United Arab Emirates · On-site · Full-time

- ◆ Contributed to the development of the Donzon ad-posting platform and managed the websites and servers of its sister companies.

### National River Conservation Commission

**Lead Developer** · Apr 2023 - Dec 2023

Dhaka, Bangladesh · Hybrid · Contractual

- ◆ Spearheaded a 5-member team to successfully deliver a software system for the Bangladesh Government.
- ◆ Developed the entire backend system, built mobile apps, and hosted it on AWS.
- ◆ Demonstrated expertise in version control by meticulously reviewing and maintaining the codebase using Git.
- ◆ Employed project management tools such as ClickUp and Agile methodology.

### United International University

**Undergraduate Teaching Assistant** · Aug 2022 - Jan 2023

Dhaka, Bangladesh · On-site · Seasonal

- ◆ Assisted with undergraduate coursework and lab sessions, graded assignments, and maintained academic records.

### CleInsight

**Software Developer Intern** · Nov 2021 - Feb 2022

Singapore · Remote · Internship

- ◆ Worked on developing web applications with Vue.js, Angular, and AWS, following the SCRUM software development process.

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### ABOUT ME

I'm a software engineer with expertise in team leadership, machine learning, and system design. I'm deeply passionate about my work, excel at problem-solving, and stay up to date with evolving tech trends.

### SKILLS HIGHLIGHTS

1. Strong understanding of Data Structures and Algorithms.
2. System design, project management, and leadership capabilities.
3. Knowledge of Software Architectures and Design Patterns. (n-Tier, Microservice, Clean, MVT, MVC)
4. Version control using Git.
5. Experienced in multiple frameworks on front-end web applications and backend systems.
6. Mobile Application Development with React Native.
7. Database management skills (SQL & NoSQL) with Prisma, SQLAlchemy, and Mongoose.
8. Cloud platform experience with AWS and GCP.
9. Proficient in Linux environments.
10. CI/CD using GitHub Actions.
11. Familiarity with Docker and Kubernetes.

## EDUCATION

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### United International University

#### Bachelor of Science in Computer Science and Engineering

Jan 2019 - Jan 2023

Dhaka, Bangladesh

- ◆ CGPA: 3.85 (out of 4.00)
- ◆ Major: Data Science.
- ◆ Thesis: Improvement of Scene Understanding using Scene Graphs.

### Feni Computer Institute

#### Diploma-In-Engineering

Aug 2014 - Jul 2018

Feni, Bangladesh.

- ◆ Associate diploma in Data Telecommunications and Networking Technology.

## PUBLICATIONS

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### Attention-Based Scene Graph Generation: A Review

Conference: SKIMA-2022

December 2022, Cambodia.

### A Novel Method for Imbalanced Data Classification Based on Label Reassignment

Conference: TENCON-2022

November 2022, Hong Kong.

### The Impact of Data Locality on the Performance of Cluster-Based Under-Sampling

Conference: MIET-2022

September 2022, Bangladesh.

## TECHNICAL SKILLS

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### LANGUAGES

- ◆ Ruby
- ◆ Python
- ◆ TypeScript/JavaScript

### FRONT-END/MOBILE FRAMEWORKS

- ◆ React
- ◆ React Native
- ◆ Angular

### BACKEND FRAMEWORKS

- ◆ Ruby on Rails
- ◆ Django
- ◆ ExpressJS

### DATABASES

- ◆ MySQL
- ◆ MongoDB

### DEVOPS TOOLS

- ◆ Docker
- ◆ Kubernetes