



# Mahabubul Hasan

## Software Engineer

I am a Software Engineer with a Bachelor's degree in Computer Science and Engineering. My professional experience primarily involves leveraging modern technologies to create scalable back-end solutions. I am enthusiastic about tackling exciting challenges and solving complex software engineering problems.

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## EXPERIENCE

### Software Engineer Adorsho Pranisheba Ltd

01/2023 - Present

Dhaka, Bangladesh

A platform for cattle identification, well-being monitoring, farm management, insurance, loan and veterinary services.

#### Tasks / Responsibilities

- Implemented RESTful back-end modules with a strong emphasis on scalability, design patterns, documentation understanding business needs incorporating CI/CD pipelines.
- Incorporated the state-of-the-art 'Muzzle Image-based Cattle Identification' machine learning model into the robust cattle monitoring platform.
- Implemented a secure investing module for a shared-farming model integrating 'ShurjoPay' package.
- Worked in collaboration with front-end developers to provide tailored APIs aligned with project specifications.
- Active engagement in daily stand-up meetings, fostering idea sharing, and contributing to productive review sessions.

Contact : Sheikh Imtiaz Rahi, CTO - Velwire, ex Pranisheba -  
Imtiaz.rahi@gmail.com, +8801711-609001

### Software Engineer Intern Adorsho Pranisheba Ltd

10/2022 - 12/2022

#### Tasks

- Studied and Prepared Business Requirement Specifications, UML, Database Schema.
- Developed library packages understating and learning best practices i.e OOP, DRY, Documentation.
- Engaged in training sessions, code reviews, as well as activities such as futsal and townhall.

Contact : Safayet Khan, Associate Manager, DFS Tech, City Bank -  
ratulme12@gmail.com, +880 1937 711055

## EDUCATION

### Bachelor of Computer Science & Engineering American International University - Bangladesh

04/2018 - 08/2022

CGPA - 3.59

#### Major

- Software Engineering

## SKILLS

Problem Solving

Algorithms & Data Structures

OOP & Design Principals

Linux

Git Workflow

Python, Django, DRF, Fast API

C#, .Net

UML

SQL, NOSQL

Docker

SOLID

Teamwork

## PROJECTS / CONTRIBUTIONS

### StakNet DRF

- A Django Rest Framework backend with Mongoengine integration for a social media platform featuring jwt authentication on secure user access, and functionalities such as post creation, post liking and commenting, as well as create and revoke connections with other users.

### Shurjopay Payment Gateway Plugin

- Developed shurjoPay plugin packages for both [.Net](#) and [Python](#) frameworks to ensure a seamless integration for developers.

### Rover Navigation System

- Developed navigation system for vision based autonomous navigation algorithm with real time object detection module ensuring seamless communication between a mars rover and base station with Python, C++, ROS.

## CERTICATES

### International Rover Challenge

### HackerRank Skill Certifications

## LANGUAGES

English

Professional Working Proficiency

Bengali

Native or Bilingual Proficiency