# MD MAHMUDUR REZA

## Software Engineer

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Linkedin |  Github  |  Portfolio

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## PROFILE SUMMARY

- Accomplished full-stack developer with **1 year of professional experience** specializing in Django, React, NextJS, Rest API, and GraphQL technologies
- Collaborated closely with project managers and senior software engineers to drive the development of cutting-edge tech-based platforms
- Possess exceptional soft skills, a robust technical skill set, and a proven track record of problem-solving, complemented by various technical certifications, showcasing strong planning and organizational abilities

## TECHNICAL SKILLS

- **Programming Languages**: Python, C, Java, Javascript, HTML, CSS, SQL
- **Framework**: Django, NextJS
- **Database**: MySQL, PostgreSQL
- **API**: Rest API, GraphQL
- **Operating System**: Ubuntu, Windows 10
- **Tools**: Git, Github

## EDUCATION

**Master of Applied Computing**                                                Sep 2023  -  Present
**University of Windsor | Windsor, ON**

- Final semester of program required a **4-8 months internship** starting September 2024
- Studied extensively in algorithms, system programming, and databases, leveraging this expertise to undertake diverse projects and enhance understanding of software engineering principles

**Bachelor in Computer Science and Engineering**                      May 2016  -  Oct 2020
**United International University | Dhaka, Bangladesh**

- Recognized for winning best semester project for a web app and published a research paper on Bengali Sign Language, showcasing expertise in Image Processing to translate sign language into speech(paper link)

## WORK EXPERIENCE

**Full Stack Developer**                                                     Aug 2022  -  Jul 2023
**Graaho Technologies |  Dhaka, Bangladesh**
**Tech: Django, React, NextJS, RestAPI, GraphQL, PostgreSQL, Git**
- Streamlined company hiring process by developing an internal **job portal** for efficient application management
- Contributed to the enhancement of a **food delivery application** by resolving bugs and optimizing API fetching, improving overall performance
- Played a pivotal role in a **real estate management project** by architecting faster and more efficient APIs, integrating seamlessly with the frontend to deliver a captivating user interface, leading to a significant 10% increase in sales

## ACADEMIC & PERSONAL PROJECTS

**Farm Tech(github)  |  University of Windsor, Windsor, ON**                  Jan 2024
**Tech: Django, React, PostgreSQL, Random Forest**
- Created a collaborative platform where landowners and farmers connect with each other to cultivate crops in rural lands

**Brown Man Printing(github) (URL)**                                         Mar 2024
**Tech: NextJS**
- Developed a dynamic e-commerce platform leveraging NextJS for Brown Man Printing, facilitating seamless online ordering and management of print services

**Portfolio(github) (URL)**                                                  Mar 2024
**Tech: NextJS**
- Crafted a sleek and interactive portfolio website showcasing my skills and projects

## CODING COMPETITIONS AND CHALLENGES

- **Hacker Rank:** Utilized a diverse range of algorithms to tackle complex challenges and consistently achieve top percentile rankings
- **LeetCode:** Solved numerous problems related to arrays, hash tables, trees etc.

## CERTIFICATES

- **Unix Essential Training,** Linkedin Learning                             Jan 2024
- **Introduction to Back-End Development,** Coursera | IBM                    Dec 2023