

MAHMUDUR REZA

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

University of Windsor

Master of Applied Computing

Relevant Coursework: Advanced Algorithms, Software Engineering, Database Systems

Windsor, ON

Sep 2023 – Dec 2024

United International University

Bachelor of Computer Science & Engineering

Awarded “Best Semester Project” for developing a web application

Dhaka, Bangladesh

May 2016 – Oct 2020

TECHNICAL SKILLS

Programming Languages: Python, C, Java, Javascript, Typescript, SQL, HTML, CSS

Framework: Django, NextJS

Libraries: ReactJS, NumPy, Pandas, Beautiful Soup

Database: MySQL, PostgreSQL, NoSQL

API: Rest API, GraphQL

Operating System: Linux, Windows

Tools: Git, Github, VS Code, Confluence, JIRA, SDLC

RELEVANT EXPERIENCE

Full Stack Developer

Jan 2025 – Present

Q4E Institute

Edmonton, Alberta

- Designing and developing the institute’s public-facing web platform with Next.js, Django and REST APIs, improving average page-load time by 35%.
- Collaborate with academic and marketing stakeholders to gather requirements, implement new features, and ensure WCAG-compliant accessibility.
- Provide operational support, deploy code via CI/CD pipelines, and document processes in Confluence.

Software Engineer

Aug 2022 – Jul 2023

Graaho Technologies

Dhaka, Bangladesh

- Enhanced a high-traffic food-delivery platform: performed root-cause analysis on API latency, optimized database queries, and implemented automated regression tests, boosting response speed by 25 % and uptime to 99.9 %.
- Served as API architect on a real-estate management system; collaborated with UX, QA and business teams to deliver secure, scalable services that increased digital sales conversions by 10 %.
- Practiced Agile Scrum—planned sprints, maintained JIRA boards, led daily stand-ups, and provided operational support post-deployment.

ACADEMIC & PERSONAL PROJECTS

Farm Tech ([github](#)) | University of Windsor, Windsor, ON

Jan 2024

Tech: Django, React, PostgreSQL, Machine Learning

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