

Mohammad Nurul Hassan

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Github: <https://doingitgud.github.io/Mohammad-Nurul-Hassan-portfolio/>

Work Experience

Flyte Solutions Ltd.

February 2023 - April 2023

- Worked as a Laravel Backend Developer to work on building a transport management software system that works on real time to manage and track vehicles.
- Integrated the transport management system on the main software system as a part of a SAAS model.

Freelancer

May 2023 - August 2024

- Worked with STATA software on a Health Science research project for a client from the University of Birmingham.
- Completed a collaborative research project on Keepass software for a client on Hamburg University.
- Prepared a PhD defense on a research project from a client in Jeonbuk National University on pulse coupled oscillators based on Peskin's model.

Projects

Transport Management System

February 2023 - April 2023

Flyte Solutions Ltd.

Organizations can use my software to safely track their employee in their transport business by efficiently providing data between departments in the organization to boost their business profits.

Online Marketplace

September 2020 – December 2020

Web Applications and Internet Course from Independent University Bangladesh

Organizations can use my web app to customize and sell their products. Customers can browse products, add items to a cart, securely pay for purchases, and manage their orders.

Workshops

Deep Learning in Ecological Studies
Indian Institute of Remote Sensing, Government of India

November 2024

Raman Spectroscopy and its Applications in Earth Observation
Indian Institute of Remote Sensing, Government of India

December 2024

Education

Independent University Bangladesh
School of Engineering, Technology and Sciences – Bachelor in Computer Science and Engineering
Concentrations: Computer Science and Engineering; minor in Computational Mathematics
CGPA: 3.67/4.00
Honors: Vice Chancellor's List (2017 and 2020); Dean's List (2016, 2017, 2018, 2019 and 2020)

GCE Advanced Level
Pearson Edexcel - British Council Bangladesh
Concentrations: Mathematics, Physics and Chemistry

2012-2014

GCE Ordinary Level
Pearson Edexcel – British Council Bangladesh
Concentrations: Pure Mathematics, Mathematics (Syllabus B), Physics, Chemistry, Biology,
English Language and Bengali

2009-2010

Skills

- High proficiency in English Language.
- Proficient in programming languages: C++, Java, Python, Javascript and Php.
- MySQL and MongoDB.
- Web frameworks: Vue.js, Laravel, and Express.js
- Proficient with Microsoft Word, Microsoft Excel and Microsoft Powerpoint.
- Latex
- Stata
- Matlab

Professional Certificates

- Career Essentials in Software Development
Microsoft, 2024
- Career Essentials in Generative AI
Microsoft, 2023
- Build Your Generative AI Productivity Skills
Microsoft, 2024
- Introduction to Artificial Intelligence
NASBA, 2023
- Excel with Copilot: AI-Driven Data Analysis
Project Management Institute, 2024