

Md. Abu Hasnat Ovee

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Career Objective

To become a successful professional in the field of Computer Science Engineering by utilizing my skills and enable further personal and professional development and work towards the prosperity of the organization.

Education

BSc in Computer Science & Engineering

North South University

CGPA: 2.99

Year: 2017-2022

Higher Secondary School Certificate

RAJUK Uttara Model College, Dhaka

Result: 5.00

Passing Year: 2016

Secondary School Certificate

Motijheel Model High School & College

Result: 5.00

Passing Year: 2014

Projects

- Road Hazard Detection Using YOLOv5

This is my capstone project. Basically I detected road hazards such as potholes, cracks, bumps etc. using DL algorithm. The model was trained on an Indian Dataset & as a result it showed a decent accuracy on our Dhaka city's road.

- Detecting the Changes of Mangrove Species in Sundarbans Forest using Machine Learning and Remote Sensing Technology

This was the project for my Data Mining course. I did the image classification & decision making part here. I used Random Forest algorithm for the prediction part.

- Dhk Clothing – eCommerce [[live](#)]

This is basically a frontend project made with React, Redux, Hooks, SASS, Reactstrap & Bootstrap. I've used firebase for user authentication, google sign-in & database.

- Pizza Ordering App – Web App [[live](#)]

This is another frontend project built with NextJs, React, Redux-Toolkit, Material UI.

Skills

Programming Languages: Java, Python, C

Data Science / ML related

Libraries: Pandas, Numpy, Tensorflow, OpenCV, Scikit-learn

Web Development related

Languages: HTML5, CSS3, JavaScript

Frontend: React, NextJs, Redux, Redux-toolkit, Axios, Bootstrap, Tailwind CSS, Material UI

Backend: NodeJs, ExpressJs, JWT, EJS

Database: MongoDB, Firebase

Version Control Tool: Git, GitHub

Documentation Tools: Latex, MS Office

Other Tools: Adobe Photoshop, Lightroom, Premier Pro

Soft Skills

Adaptability, Decision making, Working as a team player, Research & Logical Thinking.

Extra-Curricular Activities

I've been doing photography professionally for last 5 years; this is actually my side hustle.

Hobbies

Football, Playing multiplayer games, Photography, DIY projects.