PIAL HASSAN CHOWDHURY

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EDUCATION

Expected Graduation June 2024
AMERICAN INTERNATIONAL UNIVERSITY, BANGLADESH

- B.Sc. Computer Science & Engineering.

2019
SHAHEED POLICE SMRITY COLLEGE

- Higher Secondary School Certificate.

2017
THE CARTER ACADEMY

- Secondary School Certificate.

SKILLS

BACK-END DEVELOPMENT

- NestJS | NodeJS | ASP.NET Core | C++ | Java | C# | PHP | Python | MySQL & PostgreSQL | MVC

FRONT-END DEVELOPMENT

- ReactJS | NextJS | jQuery | JavaScript & TypeScript | Bootstrap | Tailwind CSS

LANGUAGES

- English (Fluent)
- Bengali (Fluent)
- Hindi (Conversational)

COURSEWORK

- Introduction to Programming (C++)
- Object Oriented Programming 1 (Java)
- Introduction, to Database,
- Data Structure, Algorithms
- Web Technology,
- Object Oriented Programming 2 (C#),
- Advanced programming in ASP.NET Web technologies,
- Computer Graphics
- Python & Machine Learning,
- Artificial Intelligence and Expert system

PROJECTS

Agro-Farming

- A web-based application aimed at assisting farmers in managing their agricultural activities effectively. The project utilizes various technologies such as HTML, CSS, JavaScript, PHP, jQuery, and UI/UX design principles to provide a user-friendly and interactive experience.

BloodBank

- A C# and .NET based web Application to develop a robust and user-friendly application for managing blood donations and inventory in a blood bank. The project will leverage the power of C# programming language and .NET framework to provide a comprehensive solution for blood bank management.

Plant Disease Detection

- Detecting Plant diseases using NumPy image processing involves acquiring images of diseased plants, preprocessing them for analysis, extracting relevant features, training a classification model, validating its performance, and deploying it for real-world use. NumPy is utilized for tasks such as image manipulation and numerical computations, alongside other libraries like OpenCV for image processing and scikit-learn or TensorFlow for machine learning.

Paisa

- This Mobile Banking project is a comprehensive system designed to streamline banking operations through mobile devices. It allows users to perform various banking tasks such as fund transfers, bill payments, account inquiries, and more, all conveniently from their smartphones or tablets. This project aims to enhance accessibility, efficiency, and security in banking services, catering to the modern digital age.

EXPERIENCE

- Currently working as a Trainee Intern for the " **Front-End Development**" program at EDGE Bangladesh Under the ICT Division.

ACTIVITES

- **AIUB Computer Club**
  Member

- **AIUB Football Team**
  Center Back