GOURANGO MODAK

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PORTFOLIO || GITHUB || LINKEDIN

House #12, Road #03, Nikunja-2, Dhaka

EXPERIENCE

Software Engineer Trainee
Brain Station – 23
November 2021 – Present
- Working with Spring Boot framework in JAVA technology to build standalone application.
- Built RESTful APIs that serve data to the Front-end.
- Working with Microservice Architecture.

EDUCATION

American International University - Bangladesh, Dhaka, Bangladesh
    B.Sc. in Computer Science & Engineering
    Graduated 2021
    CGPA 3.91/4.0

TECHNICAL SKILLS

- **Good at Data Structures & Algorithms**
- **Java, C++, Python, C#, SQL, PHP, HTML5, CSS3, JavaScript ES6**
- **Spring Boot, Django, Bootstrap 4, jQuery, SCSS/SASS, Design Pattern**
- **MySQL, PostgreSQL**

SOFT SKILLS

- **Bilingual Communicator (Bengali, English)**
- **Problem Solving**
- **Leadership**

PROJECTS

Image Classification | GITHUB | WEBSITE
Fall 2021
- Build a machine learning web application that can classify between Dogs and Cats.
- It's **deployed at Heroku Cloud** and It takes a Dogs or Cats image as an input and provides the result.
- Tools and Technology have been used such as **Transfer learning, Neural Network, Django, Python, HTML5, CSS3 and Git**.

AIUB Gaggle | GITHUB
Spring 2020

- It's a social type platform where students can communicate to help each other through this media and usability is very high.
- Here students can **post for help, chat, follow someone, quickly find an instructor, view research work** and so on.
- Tools and technology have been used such as **PHP, JavaScript, jQuery, HTML5, CSS3 and Git.**

Task Tracker | GitHub
Summer 2019
- Built on our daily life necessity where we can schedule our tasks or activities.
- Features are **adding tasks and sub-task, reminders, notifications, statistics of the tasks and so on**.
- Tools and technology have been used such as **C#, Visual Studio etc.**

C++ Big Integer Library | GitHub
Summer 2020
- Build a C++ Library for working **with large numbers which does not fit in C++ built-in data type.**
- **Implemented 7 operations** and Some of the operations had been implemented using operator overloading concept.
- Usability is very high because it can be used just like built-in C++ data types.

PROGRAMMING COMPETITIONS

Individually Problem-Solving Platforms
- **https://codeforces.com/profile/gourango_modak**
- **https://www.codechef.com/users/gourango_modak**
- **https://leetcode.com/gourango_modak/**
- **https://www.hackerrank.com/gourango_modak**

Team Contest
- Ranked 215th at ACM ICPC Dhaka Regional 2020 Online Preliminary Contest
- Participated in ACM ICPC Dhaka Regional 2019 Online Preliminary Contest
- Participated in **Makers' Mania 2018** at Independent University Bangladesh (IUB), onsite programming team contest.

REFERENCES

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