**Gourango Modak**

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[Portfolio](https://gourango-modak.github.io/) || [GitHub](https://github.com/gourango-modak) || [LinkedIn](https://www.linkedin.com/in/gourango-modak/)

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**](https://github.com/gourango-modak/ML_Dogs_and_Cats_Classifier) **|** [**Website**](https://catsvsdogsdetection.herokuapp.com)

**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**](https://github.com/gourango-modak/AIUB_GAGGLE)

**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**](https://github.com/gourango-modak/Task-Tracker)

**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**](https://github.com/gourango-modak/c_plus-library)

**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://codeforces.com/profile/gourango_modak)
* [**https://www.codechef.com/users/gourango\_modak**](https://www.codechef.com/users/gourango_modak)
* [**https://leetcode.com/gourango\_modak/**](https://leetcode.com/gourango_modak/)
* [**https://www.hackerrank.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**

**Imran Ziad**

Software Engineer at Cefalo

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