

Maksudul Haque

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OBJECTIVE

As a graduated CSE student at the Islamic University of Technology (IUT), I aim to leverage my skills and knowledge to enhance my career in software engineering. I am currently seeking opportunities to work in a company where I can contribute my problem-solving skills to provide effective solutions to user requirements.

TECHNICAL SKILLS

Languages : C++, Python, JavaScript, HTML, CSS
Frameworks : Flask, Express.js, OpenCV
Databases : SQLAlchemy, MySQL, SQL
Dev Tools : Visual Studio Code, PyCharm, Git, GitHub

EDUCATION

Islamic University of Technology

BSc. in CSE

Gazipur, Dhaka, Bangladesh

Jan 2019 – May 2023

Grade

CGPA

First Class

3.31

EXPERIENCE

Battery Low Interactive (BLI)

Cross-platform App Development Intern

Work from Home

Oct 2021 - Nov 2021

- Developed a few cross-platform applications using Flutter Framework.
- It was two weeks of training sessions.
- Submitted a pet **project** as the final assignment for completion of the Internship.

PROJECTS

CpZen

Flask, Bootstrap, JS

[Source Code](#)

- Developed an IDE web application for competitive programmers made with **JDoodle**, **JINJA**, **Beautiful Soup**, **Codemirror**.
- Built **CRUD** functionality to compile, save, make templates, and adding algorithms to respective profiles.
- Using various **APIs**, created a **tracking** functionality that enables users to easily stay up-to-date with their profile statistics and monitor their skill progression through visualizations.
- Learned **SQLAlchemy** database management system, **Bootstrap** for the front-end and implemented to the application.

FitQuest Exergames

MediaPipe, Python, OpenCV, PyGame

[Source Code](#)

- Developed a **motion-based** version of popular sedentary games like chrome dino and space pinball.
- Developed a **Mediapipe-based** machine learning system to control game functions via user body movements, requiring knowledge of real-time computer vision and machine learning.
- Designed **tracking** functionality that records users' body movements and displays necessary data on graphs and charts.
- Built an engaging gaming **interface** using Pygame, incorporating game design principles and intuitive mechanics.

Expense Tracker

Flutter, Dart

[Source Code](#)

- Developed a mobile application that leverages Google GSheet API and Flutter charts package to **enhance** the capability of expense tracking.
- Implemented CRUD functionalities using **GSheet** API for seamless data management.
- Created a system to **sync** Google Sheets and expense tracker app data for seamless integration.