






Naimul Hasan Sabbir

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Education

BRAC University, BSc. in Computer Science and Engineering.

Apr. 2018 – Mar 2023

Thesis: Voting System Using Blockchain, Ethereum

CGPA: 3.51 / 4.0

Technical Skills

Languages: Python | Java | HTML/CSS | JavaScript | SQL

Technologies/Frameworks: PostgreSQL, REST API, Blockchain, Bash, GitHub, Object Oriented Programming

Experience

iTesseract Technologies

Onsite | Mar 2023 – Present

Research & Development Engineer

Dhaka, Bangladesh

- Developed educational tools and platforms, leading to a 25% increase in student confidence in ESP32 microcontroller programming and IoT device development.
- Implemented real-world case studies and projects, resulting in a 20% improvement in student project completion rates.
- Developed a structured curriculum resulting in a 40% improvement in student understanding of robotics principles and programming concepts.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

People N Tech

Hybrid | Oct 2024 – Present

Python Programming Language Trainer

Dhaka, Bangladesh

- Taught python programming language over 25+ students.
- Developed python programming language course module which increases students enrollment.
- Utilized Tkinter, matplotlib, numpy, pandas for data science related topics & making GUI applications.

iTesseract Technologies

Onsite | November 2022 – February 2023

R&D Engineer Intern

Dhaka, Bangladesh


- Automated complex data analysis tasks using Python libraries like NumPy and Pandas, saving 40% of manual processing time and boosting project efficiency.
- Integrated ultrasonic sensors and motor control algorithms to enable obstacle avoidance and precise movement, showcasing expertise in hardware-software interaction.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

Projects

Weather Info App  | *Flutter, Dart, Weather Api, Android*

January 2021

- Developed an Android weather app using a third-party weather API. Fetched temperature, wind, humidity, and air quality index data from the API in real-time.
- Enhanced accessibility and user experience. The weather conditions were visually represented through intuitive UI design, location detection, and multiple forecast durations (hourly, daily, weekly).
- Ensured code quality through testing and debugging, and effectively managed project scope.

Forkify A Recipe Web App.  | *Javascript, HTML, CSS, API*

November 2020

- Implemented search functionality to find recipes using keywords or ingredients.
- Provided detailed recipe information, including ingredients and cooking instructions.
- Provided the ability for users to create and share their own recipes.

Transaction Management GUI  | *Java, Eclipse, JavaFX*

October 2020

- Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.
- Used JavaFX to create a GUI that supports actions such as creating an account, deposit, withdraw, list all accounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.