Redwan Bin Kibria

email: rizon_73@yahoo.com;   Mobile: +447469253547
LinkedIn: https://www.linkedin.com/in/redwan-kibria-7aa452158/
Portfolio: redwankibria.online GitHub: https://github.com/RedwanKibria

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Skills Summary

- Curious and passionate about the technology sector and looking to apply my skills in something new
- Great practical knowledge of Traditional and Agile software development methodologies.
- Highly confidence of using data analysing tools such as SPSS, SQL and a skillful user of Microsoft Office.
- Strong understanding of Java, Python, R, Visual Code Studio and the Eclipse IDE and a basic understanding of C, HTML, JavaScript, CSS and the use of GitHub.

Education and Qualifications

2019 – Present   **Brunel University**   **BSc (Hons) Computer Science**
Uxbridge, Middlesex

Advanced Topics in Computer Science (CS3001)
Artificial Intelligence (CS3002)
Network Computing (CS3004)
Data and Information (CS1703)
Software Design (CS1809)

2018 – 2019   **North South University**   **BSc Computer Science**
Dhaka, Bangladesh

2017 – 2018   **Queen Mary, University of London**   **BEng Mechanical Engineering**
London, United Kingdom

2017   **Notre Dame College**   **Higher Secondary Certificate**
Dhaka, Bangladesh   GPA 5.00 out of 5.00
Mathematics 94%, Physics 94%, Chemistry 85%   (top 3% in the country)

Project Work

Software Development Project: A program for a Finch robot to follow a movement command based on the user's input of the direction, length, and duration of travel.
- Carried out extensive research with a group to gather a full list of functional and non-functional features.
- Created the UI using a grid-based navigation system.
- Ensured that the code strictly adheres to OOP principles in Java.
- Designed and carried out comprehensive test plans to rule out any flaws in the program and made necessary alternations upon the result generated.

Full Stack Web Application Project: A web application called "Zero Hunger" developed to allow users to donate to help people who are facing severe food insecurity.
- Gathered a full list of functional and non-functional requirements that are placed in a product backlog and adhere to a sprint plan.
- The project is being developed both in the front-end and back-end using Java, Spring Boot Framework, HTML, CSS, JavaScript, React Framework and MySQL as technologies.
- Used GitHub for the main software version management and bug tracking.

AI Chatbot: Built an artificial intelligence machine learning chatbot with EverKnock. The chatbot provides users useful information about house buying or selling.
- Ensured that the code strictly adheres to OOP principles in Python.
- Followed NLP (Natural Language Processing) algorithms and trained the bot using feed-forward neural network.
- Developed the GUI using python library Tkinter.
- Designed different question patterns to train and tested the chatbot running through every question.

Student Management System: I developed a real world project regarding the management of students in an institution system
- Ensured that the code strictly adheres to OOP principles in Java.
- Applied concept of array in order to store student information.
- Created requirements and user stories to develop the application.

Pokedex: Pokedex is a Pokémon encyclopaedia that provides information about all Pokémon of its franchise.
- Developed the web application using HTML, CSS and JavaScript technologies.
- Used API calling in order to retrieve all the required data for the application.
- Studied documentation of API usage regarding the Pokedex web application.

Work Experience

Mar 2021 – May 2021 **ShareOut**   **Dhaka, Bangladesh**
Assistant Project Co-ordinator
- Distributed iftar for 100 families during Ramadan 2021
- Installed water tank stations in different places in town for people to hand wash during COVID-19 pandemic
- Developed website for ShareOut

Dec 2017 – Jan 2018 **Riverside Apparels Limited**   **Chittagong, Bangladesh**
Part time employee
- Supervised on the garments manufacturing floor to ensure daily production targets were met
- Supervised and coordinated with the management team to ensure the safety standards were met as per government and industry standards
- Responsible to prepare the salary sheets and disburse the salaries to a group of approx. 200 workers

Jun 2017 – Aug 2017 **Olympic Accessories Limited**   **Dhaka, Bangladesh**
Part time employee
- Kept stock records for the warehouse and submit weekly reports to Head Office
- Supervised loading and unloading of raw materials in the bonded warehouse
- Book keeping of day to day expenses in the factory premises and submit weekly reports to Head Office

Additional Information

Interests:
- Volunteering – Participated in various volunteering campaigns of JAAGO Foundation
- Football – Arranged several football tournaments during 2015 – 2017

Achievements:
- Awarded GBP 5,000 scholarship during first year of undergraduate degree in Queen Mary
- Won several inter-school football tournaments
- Awarded the Best Player of Interschool Tournament twice
- Arranged the 2nd International Nature Summit during 2016 in Notre Dame College where 20 schools from 20 different countries participated

Languages: English (Fluent), Bangla (native), Hindi (conversant)