Rubaiyad Noor Shahriar

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○ RubaiyadNoorShahriar1999

⌘ PROFILE

I seek a full-time position that offers professional challenges utilizing interpersonal skills, excellent time management, and problem-solving skills. I aim to pursue an active career life as a **Professional Software Architect.**

💼 PROFESSIONAL EXPERIENCE

Mar 2023 – Oct 2023 Dhaka, Bangladesh	**Software Engineer** **Bangladesh Software Solution** ⊘ - Pursued **full-time** Professional Training on Full Stack Software Development.
Mar 2023 – Apr 2023 Dhaka, Bangladesh	**UI/UX Consultant** **Vientek** ⊘ - Worked as a **part-time** UI/UX Consultant
Jan 2023 – Mar 2023 Dhaka, Bangladesh	**Junior Software Engineer** **Vientek** ⊘ - Worked as a Junior Software Developer Intern. Additionally a member of the Research and Development team.
May 2022 – Aug 2022 Dhaka, Bangladesh	**Teaching Assistant** **American International University Bangladesh** ⊘ - Learned about Project management, Discipline, Time management, different types of teaching approaches, and Industrial best practices.
Feb 2021 – Mar 2021 Rajshahi, Bangladesh	**Web Application Developer** **Durbar Kandari** ⊘ - Worked on developing the web app developed to contribute to the ventilation system

🎓 EDUCATION

2019 – 2023 Dhaka, Bangladesh	**Bachelors in Computer Science Engineering** **American International University Bangladesh** ⊘ - **Grade:** 3.95 out of 4.00
2016 – 2018 Dhaka, Bangladesh	**Higher Secondary School Certificate (HSC)** **Dhaka City College** ⊘ - **Grade:** 4.83 out of 5.00
2013 – 2015 Dhaka, Bangladesh	**Secondary School Certificate (SSC)** **A.K High School & College** ⊘ - **Grade:** 5.00 out of 5.00

🧠 LANGUAGES AND TECHNOLOGIES

C# 10-12 .NET Core Framework (LTS,STS)
- *Acquired professional training and certification*
- *Worked on several projects from the basic to the industrial level.*

JavaScript (ES6+), HTML5, CSS3, Bootstrap 5, JQuery
- *Experienced with theme intergration protocols*
- *Completed several certification programs.*

MySQL, Oracle SQL (10g, 11g, 19c), Firebase
- *Created and Implemented multiple databases projects at the university level*
- *Achieved multiple certifications*

</> TOOLS ,FRAMEWORKS AND VERSION CONTROLS

Entity Framework, ADO.NET, Fluent API
- Contributed to different fundamental .NET projects
- Capable of Integrating Databases with Source projects with proper security verifications and testing

VueJS (Vue 2,3), ASP.NET Core, NopCommerce (4.60.4)
- Contributed to different fundamental projects
- Experienced with theme intergration protocols
- Completed several certification programs.

Git, Github (Git flow), Tortoise Git
- Have proper training on version control systems at a professional level
- Experienced with Tortoise Git and Git Flow
- Acquired multiple certifications with proper verification.

Visual Studio 2022, Visual Studio Code, Microsoft SQL Server Management Studio 2018, Jupyter
- Proficient knowledge about the ins and outs of the IDE
- Capable of Integrating environment as per requirements

⚛ PROJECTS

Mar 2023 – Mar 2023

The Learning Resources App 🔗
Designed to implement crucial concepts of Vue 3
- Adding Resources (Custom component, Named Slots, Refs, Provide-Inject, Custom Styling)
- Deleting Resources (Custom component, Named Slots, Props, Emits, Provide-Inject, Custom Styling)
- Custom Popup for Invalid insertion (Named Slots, Emits,Custom Styling)
- Followed Vue Style Guide, Fallthrough attribute concept, Prop Drilling concept,
- Keep-alive concept, Teleport concept

Dec 2022 – Jan 2023

Student Attendance Management System 🔗
Designed to perform and maintain basic attendance records in complex relational systems
- **Language:** C# 10 .NET 6 Core Framework (Console Application)
- Admin can maintain system tasks of different entities such as Teacher and Students. Teachers can track students attendances by course and student ID. Students can perform system tasks and observe performances by courses

May 2022 – Aug 2022

Wine Quality & Accuracy Measurement 🔗
Designed to measure accuracy of different attributes of three types of wines
- **Language:** Python, machine learning python libraries
- Multiple machine learning libraries (NumPy, pandas, matplotlib) and several machine learning algorithms (K-NN, SVM, Random Forest) were used to measure the accuracy of wines

Apr 2021 – Jul 2021

Restaurant Administrative System 🔗
Designed to perform administrative tasks on a particular restaurant
- **Language:** JavaScript, PHP, HTML5, CSS3, jQuery, AJAX, Bootstrap, MySQL, SQL (Oracle 19c)
- Administrative tasks can be conducted. Implemented CRUD operation and advanced database operations (PLSQL, Cursor, Triggers)

Jan 2020 – Apr 2020

AIUB Canteen Management System 🔗
Particularly designed for Cafe Sania of AIUB
- **Language:** C# 5 .NET 4.5 Framework (WPF Application)
- Admin and User-based application. Implemented multiple professional entities using C# GUI and MSSQL

Feb 2019 – Jul 2019

Library Management System 🔗
Designed to perform admin panel and user panel tasks
- **Language:** JAVA (Console Application)
- Admin level and User level tasks can be performed using the console. No database is used to store data. Fully functional runtime application.

Mar 2023 – Mar 2023

Prime Insipre Educational Project 🔗
Cloned an Educational website using HTML5, CSS3 & Bootstrap 5
- Basic functionalities using Bootstrap 5 classes
- Explicite uses of data-bs-toggle, data-bs-target, aria-controls, aria-expanded, aria-label
- Explicite use cases of Flexbox and Grid
- Multiple use cases of input fields, forms and svgs

🧩 ARTICLES

2022 – 2022
Dhaka, Bangladesh

Flipkart's Revolutionary Technological Step towards Business Uprising: MDM 🔗
Keywords: Flip-Kart, MDN, Management Information System, Adaptable, Secured, Transparency
- Discussed about FlipKart's business strategies and the revolutionary MDM technology

2022 – 2022
Dhaka, Bangladesh

Role of MIS in the Fourth Industrial Revolution (4IR) 🔗
Keywords: MIS, Industry 4.0, Automation, 4th industrial revolution
- Discussed about
  - Information systems' role
  - Essential characteristics
  - Technology involved
  - Things that drive automation
  - The major problem

🏅 AWARDS

Mar 2019

Merit List – Scholarship
American International University Bangladesh

Jan 2015

Academic Excellence Award
The Institution Of Engineers (IEB), Bangladesh

🧩 RESEARCHES

|	
2022 – 2023 Dhaka, Bangladesh	**Elevating Software and Web Interaction to New Heights: Applying Formal HCI Principles for Maximum Usability (Undergraduate Thesis)** 🔗 **Index Terms: Usabilty, User Interface, User Experience, UI laws, Usability Testing** - Main focus of this research/thesis is to improve usability and user reactivity applying Human Computer Interaction principles. By identifying and applying the most essential HCI laws and principles, usability components can be effectively improved. Redefined the usability honeycomb and proposed a set of compressed laws that will optimize the usability and user reactivity of the system at it's maximum.
2022 – 2022 Dhaka, Bangladesh	**A Machine Learning Application to Extricate the Red Wine Quality** 🔗 **Index terms: classification, supervised learning, Random Forest, K-Nearest Neighbor(K-NN), Naïve Bayes, Decision tree, Support Vector Machine** - Used Naïve Bayes, K-Nearest Neighbor, Support Vector Machine, Random Forest, and Decision tree algorithms to classify the Red Wine Quality dataset and provided a comparative discussion on the most efficient result.
2021 – 2021 Dhaka, Bangladesh	**Predominance of C4.5 algorithm in the field of data mining** 🔗 **Index Terms: C4.5, K-Means Algorithm, Support Vector Machine** - The objective of this research is to theoretically prove C4.5 algorithm is the most optimized algorithm among C4.5, K-Means and SVM, to conduct general data mining tasks .
2021 – 2021 Dhaka, Bangladesh	**Microprocessor-based Water Quality Monitoring System for Bangladesh** 🔗 **Index terms: Water Quality, Water Quality Index (WQI), Arduino, pHsensor** - The objective of this project is to develop prototype equipment to measure water safety levels depending on the chemical measurements and pH levels.
2019 – 2019 Dhaka, Bangladesh	**The Pliability of UBER in Dhaka city** 🔗 **Index Terms: Uber, Transport, Survey, Feature, Barrier.** - A survey was done to get people's feedback on why most people preferred UBER when other transportation apps were available.

📇 PROFESSIONAL TRAININGS

Oct 2022 – Feb 2023 Dhaka, Bangladesh	**Professional Programming with C#** 🔗 **Devskill** - Pursued Professional Programming Training on C# and Full Stack ASP.NET Core MVC Web Development using C#11 .NET 7. - Learned technologies - • Entity Framework, ADO.NET, MVC Architecture, Fluent API, ORM, Gitflow, SSH, Docker, Postman, Node Package Manager (npm), NuGet, Web API, Clean Code Architectures, Unit Testing.

🏠 ORGANIZATIONS

Mar 2021 – Mar 2023 Dhaka, Bangladesh	**Association of Computing Machinery (ACM)** **General Member**
Apr 2021 – Mar 2023 Dhaka, Bangladesh	**AIUB Community of Engineering Students (ACES)** 🔗 **General member**

🎖 CERTIFICATIONS

Professional Programming With C# 🔗
Platform: Dev Skill
Rank: 2nd (Achieved 82.02%)

Modern HTML & CSS From Beginning (Including Sass) 🔗
Platform: Udemy
Credential ID: UC-23c87ab6-eebd-49c6-af92-3d56a0dtc45f

SQL (Basic) 🔗
Platform: HackerRank
Credential ID: 3DB1525C7901

Bootstrap 5 Course - The Complete Guide Step by Step 2023 🔗
Platform: Udemy
Credential ID: UC-8407c9bc-3630-4bd1-ae14-900861897811

Introduction to Git and GitHub 🔗
Platform: Google
Credential ID: U6H78AU6N795

Data Analytics and Visualization Virtual Experience 🔗
Platform: Accenture
Credential ID: uGDio8zGvEsyuqLeP

🔬 REFERENCES

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