

# Rubaiyad Noor Shahriar

✉ rubaiyadnoorshahriar@gmail.com     Rubaiyad Noor Shahriar     +8801609900407

## Synopsis

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Driven by building efficient systems and enabling better decisions through data, people, and structure. I have experience in software development, team leadership, and credentialing analysis, focusing on accuracy, compliance, and high-stakes problem-solving. **Now transitioning into business administration and operations, I aim to combine technology, data, and operational insight to drive strategic growth and meaningful impact.**

## Academic Profile

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**Bachelor of Science in Computer Science & Engineering**  
American International University Bangladesh (AIUB) 

January 2019 – May 2023

- **Grade:** 3.95 out of 4.00
- **Major:** Information Systems (Thesis Domain: Human-Computer Interaction)
- **Second Major:** Computational Theory (Machine Learning, Data mining & Data Warehouse)
- **Minor:** Software Engineering

## Professional Experience & Roles

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**Credentialing Analyst (Full-Time)**

September 2024 – present


*Radiant Data Systems Ltd.*

**Credentialing & Document Verification – USA-based Healthcare Firm**

- **Verified 100% of healthcare credentialing records** in compliance with U.S. regulatory standards.
- **Reviewed and validated licenses, certifications, and supporting documents**, maintaining strict confidentiality and accuracy.
- **Conducted audits to identify and correct documentation discrepancies**, improving data integrity by **100%**.
- **Streamlined data handling processes**, enhancing operational efficiency and reducing processing time by **22%**.
- **Supported automation of document workflows**, cutting manual effort and minimizing errors by **61%**.

**Team Lead & Manager (Contract)**

February 2024 – present

*Cloud Vortex Innovation* 

- **Led cross-functional teams of 7 members**, achieving 100% of project milestones on schedule through clear communication and real-time prioritization.
- **Implemented DevOps practices**, improving collaboration between teams and stakeholders, increasing workflow efficiency by **68%**.
- **Managed projects using Agile, Scrum, and Waterfall frameworks**, ensuring on-time delivery and maintaining 100% comprehensive project documentation.
- **Executed process improvement initiatives**, enhancing operational efficiency and accuracy, reducing errors by **81%** across workflows.

**Software Engineer (Full-Time)**

March 2023 – January 2024

*Shapla Infosys*

**Software Developer – CRM & NopCommerce 4.60.4**

- **Developed and deployed CRM features in NopCommerce**, improving system functionality for **1000+** users with dynamic front-end layouts and advanced back-end filters.
- **Delivered UI/UX-focused websites and custom modules**, including PSD-to-web projects and e-learning platform replicas, achieving **47%** faster user engagement.
- **Optimized and maintained codebases using Git**, reducing bugs and improving system stability by **98%**.
- **Collaborated with cross-functional teams**, translating requirements into scalable, client-focused solutions that increased project success rate by **50%**.

## Language & Frameworks

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**Python (Library: NumPy, Pandas, Scikit-learn, Matplotlib, Pytorch - Tools: TensorFlow, Jupyter Notebook, Google Colab, Weka), VueJS (Vue 2,3), ASP.NET Core, NopCommerce (4.60.4)** — Contributed to different fundamental projects | Integrating complex functionalities 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

## Key Projects & Contributions

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### SajekGor (Team Project) [↗](#)

October 2023

A fully Nop Commerce (4.60.4) based E- commerce shopping site (Multivendor)

- **Framework:** ASP.NET Core, Nop Commerce (4.60.4)
- **Technologies worked on :** Bootstrap 5, JQuery functionalities, QuestPDF, Swiper Slider
- Mostly worked on the View and responsivness taskes of this projects using Razor, CSS3, JQuery transactions.
- Worked on minimal backend tasks (ex. Adding home page banner, sliders using properties, Slider functionalities, PDF Profiler tasks, Product filtering functionality).

## Research Work & Contributions

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### Elevating Software and Web Interaction to New Heights: Applying Formal HCI Principles for Maximum Usability ( Undergraduate Thesis ) [↗](#)

February 2023

*Index Terms: Usabilty, User Interface, User Experience, UI laws, Usability Testing*

- Main focus of this **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.

### A Machine Learning Application to Extricate the Red Wine Quality (Preprint) [↗](#)

October 2022

*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.

## Certifications

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**Customer Relationship Management - HP Life** [↗](#) , **Professional Programming With C#** [↗](#) — Dev Skill | Rank: 2nd (Achieved 82.02% [↗](#) ), **Agile Project Management** [↗](#) — Google (Coursera), **Programming with Python 3.X** [↗](#) — Simplilearn, **Introduction to Jupyter** [↗](#) — 365 DataScience, **Introduction to Databases (MySQL)** [↗](#) — Meta (Coursera), **Data Analytics and Visualization Virtual Experience** [↗](#) — Accenture, **Introduction to AI in Data Center** [↗](#) — Nvidia (Coursera), **Introduction to Git and GitHub** [↗](#) — Google (Coursera)

## Awards & Academic Recognition

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### Merit List – Scholarship

March 2019

American International University Bangladesh (AIUB)

- Awarded for maintaining a CGPA above 3.75 for three consecutive semesters.

### Academic Excellence Award

January 2015

The Institution Of Engineers (IEB), Bangladesh

- Recognized for outstanding performance in board exams.

## Professional Trainings

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### Professional Programming with C# [↗](#)

February 2023

*Devskill*

- **Technological Proficiencies** -
  - C#, ASP.NET Core MVC Web Development using C#11 .NET 7, Entity Framework, ADO.NET, MVC Architecture,
  - Fluent API, REST API, ORM, Gitflow, SSH, Docker, Postman, Node Package Manager (npm), NuGet, Web API.
  - Clean Code Architectures
  - Unit Testing
- Achieved **2nd** Rank with a distinction of **82.02%**.

## Extracurricular Activities

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### Workshop: Future of Mobile App Industry | Hosted by Huawei [↗](#)

October 2021

- Gained valuable insights from leading experts on cutting-edge technologies and strategies shaping the future of mobile applications.

### AIUB Community of Engineering Students (ACES) [↗](#)

April 2021 – March 2023

*General member*

- Actively engaged in programming **problem-solving** activities, participating in **coding challenges** and collaborative discussions to develop algorithmic skills and contribute to the technical community.

## Recommendations

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(Available Upon Request)