

# Rubaiyad Noor Shahriar

 rubaiyadnoorshahriar@gmail.com  Rubaiyad Noor Shahriar  +8801609900407

## Synopsis

I am passionate about blending the precision of credentialing with the innovation of technology. With a background in computer engineering and hands-on credentialing experience, I bring expertise in data accuracy, confidentiality, and cross-functional collaboration. I aim to contribute meaningfully at the intersection of technology, data integrity, and operational efficiency.

## Academic Profile

### 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
- Worked as a **Teaching Assistant (TA)** for 3 months and unofficial **Research Assistant (RA)** for 1 year

## Professional Experience & Roles

### Team Lead & Manager (Contract)

Cloud Vortex Innovation 

February 2024 – present

- **Led and coordinated teams** to achieve project milestones through clear communication, real-time prioritization, and collaborative problem-solving.
- Gained proficiency in **DevOps methodologies** to improve collaboration between cross-functional teams and stakeholders, enhancing workflow efficiency.
- Applied **Agile, Scrum, and Waterfall** frameworks to manage projects effectively, ensuring timely delivery and maintaining comprehensive documentation.
- Executed **process improvement initiatives** aligned with organizational goals, driving operational efficiency and accuracy.

### Credentialing Analyst (Full-Time)

Radiant Data Systems Ltd.

September 2024 – present

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

- Coordinated with relevant departments to verify healthcare credentialing records in accordance with U.S. regulatory requirements.
- Reviewed and confirmed the validity of licenses, certifications, and other supporting documents while ensuring confidentiality.
- Performed regular audits and checks to identify and correct documentation errors.
- Contributed to updates in data handling procedures to improve processing speed and accuracy.
- Participated in automation efforts to simplify document handling and reduce manual processing.

### Software Engineer (Full-Time)

Shapla Infosys

March 2023 – January 2024

#### Software Developer – CRM & NopCommerce 4.60.4

- Developed CRM features using NopCommerce, covering both front-end (layouts, sliders, menus, banners) and back-end (advanced filters, PDF generation via QuestPDF, dynamic sliders).
- Delivered UI/UX-focused websites, custom modules, and PSD-to-web projects, including e-learning platform replicas.
- Maintained and optimized the codebase with Git for stability and consistency.
- Completed company-sponsored Udemy certifications to enhance technical skills.
- Coordinated with teams to gather requirements and deliver scalable, client-focused solutions.

## 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

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## Key Projects & Contributions

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### SajekGor (Team Project)

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

October 2023

- **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 tasks 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: Usability, 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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**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

American International University Bangladesh (AIUB)

March 2019

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

### Academic Excellence Award

The Institution Of Engineers (IEB), Bangladesh

January 2015

- Recognized for outstanding performance in board exams.

## Professional Trainings

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### Professional Programming with C#

Devskill

February 2023

- **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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**Arman Hossain**, Manager - Credentialing Operations, Radiant Data Systems Ltd.

Arman.Hossain@radiantds.com

**Shahriar Mushficul ISlam**, Cheif Executive Officer (CEO), Could Vortex Innovation

shahriar@cloudvortexinnovation.com