

Sohel Rana

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CAREER OBJECTIVES

As a graduate of Computer Science & Engineering seeking a job in a well-known organization where I can use my knowledge and skill and can learn more which will lead me toward the path of my chosen.

EDUCATION

East West University, Dhaka, Bangladesh

February 2018 - February 2023

BSC in Computer Science and Engineering

CGPA: 3.12

Major in Software Engineering

WORK EXPERIENCE

OnnoRokom Software Limited

Trainee Software Engineer

March 2024 – August 2024

[Visit Website](#)

Key knowledge: C#, .Net Framework, JavaScript, jQuery, HTML, CSS, Bootstrap, SQL, MSSMS, GitLab.

B-JET

Japanese Language and IT Trainee

March 2023 - September 2023

[Visit Website](#)

Key knowledge: Japanese Language Learning up to N4 level, Project Management System, SDLC, Software Development, Methodology, OOP, Coding Context, Git and GitHub,

PROFESSIONAL PROJECTS

Inventory Management System (2024/07- Continue)

[GitHub](#)

- Overview: The IMS is designed to help businesses efficiently manage their inventory by providing tools for maintaining products, managing orders, and generating reports. It will be accessible through a web-based interface and support multiple users with different roles and permissions.

Key Features: Authentication, Product Purchase Management, Product Management, Order Management, Supplier Management, Report generation, User Management.

- **Implementation Technologies:** HTML, CSS, JavaScript, jQuery, C#, .Net MVC Framework, SQL.

PROJECTS (UNDERGRADUATE)

Human Resource Management System. (2022/12- 2023/1)

Web Development

[GitHub](#)

- User (HR) of this system performs different types of tasks like inserting new employee records, updating, view data, search a particular employee and delete data. - On the other hand, from the employee side an employee can see his/her individual records.

- **Implementation Language:** HTML, CSS, PHP, SQL.

E-Governance System. (2021/01- 2021/03)

Web Development

[GitHub](#)

- Here we implemented two portals, one is Hospital Portal another one is Citizen portal. Both Hospital and Citizen users of this system perform different types of tasks like inserting, update, and delete, search and view items like insertion, deletion, update, search data etc.

- **Implementation Language:** HTML, CSS, PHP, SQL, JavaScript, Laravel

Covid-19 Death Case Analysis and Prediction Using Machine Learning Technique. (2022/5- 2022/8)

Machine Learning

[GitHub](#)

- *Data Preprocessing, Data Characteristics and Exploratory Data Analysis (EDA), Machine Learning Models.*

- *Linear Regression. Multiple Linear Regression. Random Forest.*

Machine Learning Technique for Lung Cancer Prediction. (2021/07- 2022/10)

Machine Learning

[GitHub](#)

Final Year Thesis Project-

- *Duplicate and Outlier Removal. - Feature Selection. - Normalization. - Oversampling. - Classification. - Prediction.*

Algorithm: • Decision Tree, Naïve Bayes, SVM, Random Forest, MLP, KNN, ANN

SKILLS

Languages:	Bangla, English, Japanese
Programming:	C#, C, C++, Python (Basic), Java (Basic).
Software & Tools:	Libraries: NumPy, Pandas, Matplotlib, Scikit-learn. Web Application: .Net Framework MVC, .Net Core MVC, JavaScript, jQuery, HTML, CSS, Bootstrap. Database: SQL (MySQL, Oracle).
Key Knowledge:	Web development (Frontend, Backend), Machine Learning Models (Linear Regression, Multiple Linear Regression, Random Forest, Decision Tree, Naïve Bayes, SVM, MLP, KNN, ANN), Classification and Prediction
Miscellaneous:	Microsoft Office, Linux, TortoiseGit, Git and GitHub, GitLab.

CO-CURRICULAR

- East West University Computer Programming Club, Computer Programmer (2018-2020)
- Coder at URI Online Judge (<https://www.beecrowd.com.br/judge/en/profile/225594>).
- Coder at Code Forces (<https://codeforces.com/profile/Sohel-Rana>).
- East West University Science Club, Event Organizer (2019-2021)

REFERENCES

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| 1. Dr. Md. Nawab Yousuf Ali
Associate Professor
Department of Computer Science &
Engineering, East West University. | 2. Dr. Shamim H Ripon
Professor
Department of Computer Science &
Engineering, East West University. |
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