

**CURRICULUM VITAE**  
**Of**  
**Sohel Rana**



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## **Career Objective**

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

## **Academic Qualifications**

### **Bachelor of Science in CSE**

University : East West University  
Result : CGPA: 3.12  
Year : 02-15-2023

### **Higher Secondary Certificate**

Board : Dhaka  
Result : (GPA: 4.25)  
Year : 2016

### **Secondary School Certificate**

Board : Dhaka  
Result : (GPA: 5.00)  
Year : 2014

## **Computer Proficiency**

### ➤ **Programming Language:**

- C
- C++
- Java (Basic)
- C#
- Python

### ➤ **Scripting Language**

- HTML/CSS/jQuery
- PHP
- JavaScript/.Net MVC Framework.

### ➤ **Database Language**

- Structure Query Language (SQL)
- **Others**
- Git/GitHub
- Machine Learning

## **Projects**

### ➤ **Professional Project**

✓ **Inventory Management System (2024/7- Continue)** GitHub-[Link](#)

- 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.

## ➤ Academic Course Project

- ✓ **Human Resource Management System. (2022/12- 2023/1)** GitHub-[Link](#)
  - User (HR) of this system performs different types of tasks like insert new employee records, update, 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.
- ✓ **Covid-19 Death Case Analysis and Prediction Using Machine Learning Technique. (2022/5- 2022/8)** GitHub-[Link](#)
  - Data Preprocessing, Data Characteristics and Exploratory Data Analysis (EDA), Machine Learning Models.
  - Linear Regression. Multiple Linear Regression. Random Forest.
- ✓ **E-Governance System. (2021/01- 2021/03)** GitHub-[Link](#)
  - Here we implemented two portals one is Hospital Portal another one is Citizen portal. From both Hospital and Citizen user of this system performs different types of tasks like insert, update, and delete, search and view items like insertion, deletion, update, search data etc.
  - Implementation Language: HTML, CSS, PHP, SQL, JavaScript, Laravel.
- ✓ **Heart Attack Prediction Using Feed Forward Neural Networks. (2021/05-2021/08)** GitHub-[Link](#)
  - With the help of that information, we find out if a person is at the risk of heart attack or not. Data accuracy depicts what percentage of male and female can undergo a heart attack.

## ➤ Final Year Project

- ✓ **Machine Learning Technique for Lung Cancer Prediction. (2021/07- 2022/10)** GitHub-[Link](#)
  - Duplicate and Outlier Removal.
  - Feature Selection.
  - Normalization.
  - Oversampling.
  - Classification.
  - Prediction.

**Algorithm:**

  - Decision Tree, Naïve Bayes, SVM, Random Forest, MLP, KNN, ANN

## **Professional Work Experience**

Organization Name	B-JET
Job Title	Japanese Language and IT Trainee (Full Time)
Job Responsibilities	<ul style="list-style-type: none"><li>▪ Japanese Language Learning up to N4 level</li><li>▪ Project Management System, SDLC, Software Development Methodology, OOP, Coding Context.</li><li>▪ Git and GitHub</li></ul>
Duration	04/04/2023 – 09/15/2023
Organization Name	OnnoRokom Software Limited
Job Title	Trainee Software Engineer
Job Responsibilities	<ul style="list-style-type: none"><li>▪ Full Stack Web Development (C#, .Net Framework, HTML, CSS, jQuery, MSSMS)</li><li>▪ Git and GitHub</li></ul>
Duration	03/03/2024 – Continue

## **Language Proficiency**

- **English:** Good command in both writing and speaking.
- **Japanese:** N4 Level.
- **Bengali:** Mother tongue.

## **Activities**

- East West University Computer Programming Club, Computer Programmer (2018-2021)
- Coder at URI Online Judge (<https://www.beecrowd.com.br/judge/en/profile/225594> ).
- Coder at CodeForces (<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<br>Associate Professor<br>Department of Computer Science &<br>Engineering, East West University. | 2. Dr. Shamim H Ripon<br>Professor<br>Department of Computer Science &<br>Engineering, East West University. |
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