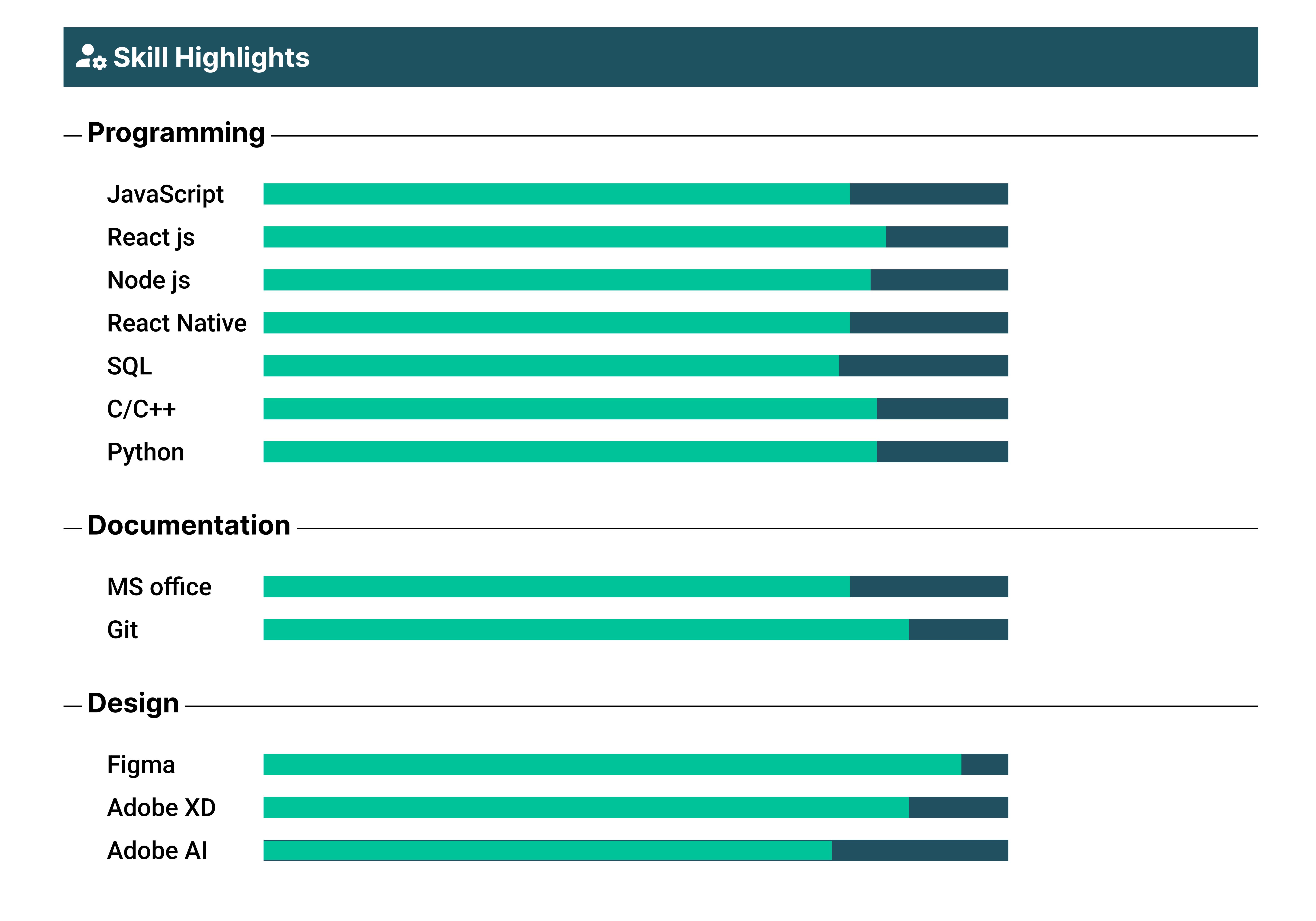


# Sabbir Ahmed

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- github.com/Sabbirmadman
- 01736989734
- Sabbir Ahmed

# (2) Profile

I am a Software Engineer passionate about product development and project management I am well-versed in numerous programming languages. including Python and JavaScript. Also, I am a supportive and capable leader who can manage a team and accomplish the intended goals on time.



# **Education**

Bachelor of Science (BSc), CSE | CGPA: 3.39

Data Science (major), East West University

Higher Secondary Certificate (HSC) | CGPA: 5.00

Science, Bir Shrestha Noor Mohammad Public College

Secondary School Certificate (SSC) | CGPA: 5.00 Science, Motijheel Model High School 2018-2022 December Aftabnagar, Dhaka

> 2015-2017 Peelkhana, Dhaka

2013-2015 Motijheel, Dhaka

# Experiences

## Software Engineer- Contractual TOCOMA Limited BD

## Responsibilities

- Designed Tocoma Landing Website
- Created Tocoma Landing website Hosted Website (cpanel react build)
- Live Demo | Click here

## Technical Officer Ramna Air International

### Responsibilities

- Build Custom Chrome Extinctions
- Maintain the official website.
- Audit MS365 admin center
- Control and manage cPanel.
- Mitigate IT issues of the in-house employees

## Software Developer - (remote) Prolific Tech

### Responsibilities

- Build Custom Website for Clients
- Build Custom Mobile App
- Build Backend with node is
- Design Website
- Documentation and git version control
- Keynote Presentation

April, 2023 - jun, 2023 (2 months) Khilgaon, Dhaka

#### Skills

- Figma -Design
- React Front End Developement
- SQL Database

November, 2022 - April, 2023 (5 months) Komlapur, Dhaka

### Skills

- JS Chrome Extinctions
- cPanel
- MS365
- Troubleshooting (Hardware and Software)

February, 2022 - November, 2023 (10 months) Kuala Lampur, Malaysia

### Skills

- JS/React/SCSS/Telwind CSS
- React Native
- Deployment (Play Store)
- Figma/Ms Word/Ms Powerpoint

# Professional Projects (click to see the project)

- 1. Website For Tocoma Limited | React, Telwind css, Java Script | 2 months a complete website to display company portfolio, products and documentation.
- 2. Website For Ramna Air International | React, Node, MongoDb | 3 months a complete website for employee management with company landing website.
- 3. GK Tournament | React-Native, Node js , PostgressSQL | 4 months a complete Quiz app with user management, OAuth, Real time Quiz and Leaderboard.
- 4. Copper | React, Node js , Postgress SQL | 4 months a complete ERP solution for a lottery management company with multi level user control and lottery tracking and lottery currency management.

# Honors & Awards

EWU CSE Capstone Project Showcase 1st Runner.

2023/02/01

East West University, Presentation, Project developement

Aftabnagar, Dhaka

ICCIT-2022 Pitching Competition on 4" Industrial Revolution (41R Technologies) 2022 Champion.

2022/12/31

IEEE BANGALADESH SECTION, Presentation, Project developement

BUET, Dhaka

2019-2021

Medha Lalon Scholarship in recognition of excellent academic performance

East West University, Presentation, Project developement

Aftabnagar, Dhaka

# Academic Publications (click to see the project)

- Sabbir Ahmed, Shamima Yesmin, Lata Rani Saha, A K.M. Sadat, Mozammel H A Khan (2023). "Major Cropping Pattern Prediction in Bangladesh from Land, Soil, and Climate Data Using Machine Learning Techniques". 25th International Conference on Computer and Information Technology, Cox's Bazar, Bangladesh.
- Md Jakir Hossain, Fardin Rahman Akash, Sabbir Ahmed, Mohammad Rifat Sarker, Ahmed Wasif Reza and Mohammad Arefin. ".Reducing Energy Usage and Cost for Environmentally Conscious Cooling Infrastructure" Optimization Conference Resources 2023 (ICO'2023)

# MOOCS

- COVID19 Data Analysis Using Python, a guided project offered by Coursera Project Network through Coursera (June 2020).
- Python for Everybody Specialization, a series offered by University of Michigan through Coursera (August 2020 - November 2020).
- Introduction to Data Science using Python, a series of courses offered through Udemy (January 2021 -May 2021).

# Academic Projects (Few Mentioned)

### Thesis Project

#### Cropping Pattern Predictor

ML, Django, React js

A Complete frontend backend system to predict major cropping pattern across Banglash from land, soil and climatic data. Users can find cropping suggestions based on location or by soil characteristics. This web app also contains all 316cropping patterns that is available across Bangladesh and all the api documentation for our deployed ml trained model.

Open Repo (3)

### Other Projects

Hydroponic (IOT)

Arduino, SQL, React is

A frontend backend system that stores data from sensors and displays them for the end user. This project combined with Arduino UNO and sensors can monitor soil characters and automate farming.

Open Repo (3)

### Google Docs clone

Socket 10, Node js, React js, MongoDb

This project uses Socket lo to create real time text editor. Every user with access can open doc file, can edit real time and can download pdf version of the app. It uses Quill Text editor for the doc.All the files are saved in mongoDb real time.

Open Frontend Repo GD Open Backend Repo GD

## **Extracurricular Activities**

- <u>Debate Club</u> General Secretary (Motijheel Model Debate Club) Session 2015 2016
- Science Club Assistant General Secretary (BNMPC) Session 2016 2017
- Onusondhitsu Science Organization President (Mugda branch) Session 2020 2022
- Programming Club General Member (EWU Computer Programming Club) Session 2018 2023

## H References

• Mr. Shahidul Islam

Proprietor, Ramna Air International Dhaka, Bangladesh.

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Phone: 01712710500

• Dr. Md. Mozammel Huq Azad Khan Professor, Department of Computer Science & Engineering Faculty of Sciences and Engineering East West University, Dhaka, Bangladesh. Email:mhakhan@ewubd.edu