

# MUSFIQUR NABIL

88-11 170th Street Jamaica, New York 11432

nxbilm@gmail.com | (347)-283-9363 | <https://www.linkedin.com/in/musfiqur-nabil-b65833237/>

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## CAREER OBJECTIVE

Highly motivated and detail-oriented software developer with a strong foundation in financial analysis and technical support, adept in Python programming, data analysis, and machine learning.

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## EDUCATION

The Pennsylvania State University, College of Engineering

State College, PA

Major: Data Science and Applied Mathematics

August 2022 - May 2026

Relevant Coursework: Data Structures & Algorithms, Big Data Management, Object-Oriented Programming, Calculus (I-III), Discrete Math, Linear Algebra (Matrices), Elementary Statistics

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## PROFESSIONAL WORK EXPERIENCE

### Tasneem-Tasneem Orphanage

Kadirpur, Shipchor Bangladesh

*Data Scientist*

January 2022 - June 2024

- Built predictive models using machine learning libraries to forecast donation trends and funding needs
- Developed data-driven reports and dashboards in Tableau and Power BI to track children's academic and health progress
- Created visual dashboards using Tableau and Power BI, as well as custom visualizations in Python with Matplotlib, to allow staff and stakeholders to interpret complex data and make informed decisions easily

### The Pennsylvania State University

State College, PA

*Student Team Lead*

March 2024 - May 2024

- Created detailed documentation and performance reports to evaluate team efficiency, track technical issues, and implement continuous improvements
- Prepared and implemented training protocols for new tech assistants, improving team efficiency and competency in event setups for the fall

*Student Tech Assistant*

September 2023 - February 2024

- Utilize and setup audio equipment, including soundboards, speakers, strobe lights, and microphones, creating immersive event environments
- Troubleshoot and resolve technical challenges. Meeting demands for uninterrupted sound throughout events

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## SKILLS

*Programming Languages:* Java, Python, HTML, CSS, JavaScript, SQL

*Data Analytics Softwares:* Excel, Tableau

*Libraries & Tools:* Pandas, Django, Flask, Tkinter, PostgreSQL, React.js

*Graphic Design:* Blender 3D Modeling and Photoshop

*Languages:* Bilingual - Fluent in Bengali and English

*Soft Skills:* Leadership, Collaborative, Design, and Problem-Solving

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## PROJECTS

### Website Portfolio | HTML, CSS, and JS

October 2024 - Present

- Developed a responsive personal portfolio website using HTML, CSS, and JavaScript.
- Implemented interactive features to enhance user experience and navigation.
- Optimized website for cross-browser compatibility and mobile responsiveness.
- Deployed the portfolio website to a live server for easy access and visibility

### Chatbot | HTML, CSS, and JS

October 2024 - Present

- Designed and developed a user-interactive chatbot using HTML, CSS, and JavaScript for frontend functionality
- Implemented dynamic responses for user queries, allowing the chatbot to handle multiple options such as viewing resume, LinkedIn, GitHub, and sending an email
- Used JavaScript to handle conversation logic and track user selections

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## AWARDS AND CERTIFICATIONS

- Fundamentals of Digital Marketing Certification - Google
- CPR/AED/First Aid Certification - Red Cross Association

**References furnished upon request**