Mahfuzur Rahman

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Objective

I am a soon-to-graduate computer science student with a strong backend development focus, complemented by frontend skills. My foundation in programming, algorithms, and data structures equips me to architect efficient systems, while adaptability and analytical acumen enable me to tackle complex challenges. I thrive in collaborative settings, emphasizing effective communication and attention to detail. My passion for continuous learning keeps me at the forefront of evolving technologies. As graduation approaches, I look forward to leveraging my coding enthusiasm for impactful projects, merging backend expertise with frontend capabilities, and infusing each endeavor with empathy, adaptability, and a commitment to collective success.

SKILLS

- **Programming Languages:** C#, Java, Python, JavaScript/TypeScript, SQL, HTML, CSS
- **Backend Framework:** ASP.NET Core, Django, FastAPI
- **Frontend Framework:** ReactJS, VueJS, ASP.NET Razor Pages, Django Templates, Bootstrap, Tailwindcss
- **Database:** MySQL, SQLite, Entity Framework Core, Django ORM, SQLAlchemy
- **Libraries:** JavaFX, Numpy, Matplotlib, Pandas, Keras, Tensorflow, ChartJS
- **Softwares:** Linux, Unity3D, Godot Game Engine, Paint.net
- **Office Suites:** Google Docs, Google Sheet, Google Slide, Overleaf
- **Languages:** Bengali, English, Arabic, French

WORK EXPERIENCE

Trainee Software Engineer (Artificial Intelligence)　　　　May 2023 - Jul 2023
ADN Diginet • Dhaka

- Training on ML in production workspace
- Implemented book recommendation system

Teaching Assistant (Python)　　　　Jun 2022 - Aug 2022
Independent University, Bangladesh (IUB) • Dhaka, Bangladesh

Teaching Assistant (C++)　　　　Jan 2020 - Mar 2020
Independent University, Bangladesh (IUB) • Dhaka, Bangladesh

PROJECTS

Student Performance Monitoring System   2021
Independent University, Bangladesh • Dhaka

Demo project to showcase expertise in create, update and delete relational database, tables and data related to student performance, and display charts and tables on a web interface to different user group.

System Analysis of IUB Classroom Requirement and Revenue System   2022
Independent University, Bangladesh (IUB) • Dhaka

Demo project to showcase expertise on system and requirement analysis of IUB's classroom requirement and revenue monitoring system.

Research on Effectiveness of Prototyping Technique for Requirement Elicitation   2022
Independent University, Bangladesh (IUB) • Dhaka, Bangladesh

Detailed survey on the effectiveness of prototyping technique for requirement elicitation technique for requirement gathering in software engineering

Online Book Shop with ML Based Recommendation System   2023

Built a demo book shop with ML based book recommendation system using Django backend framework as internship project at ADN Diginet

Demo YouTube like Frontend Project using VueJS and TypeScript   2023

Built a demo frontend project with VueJS and Typescript that resembles YouTube

Demo Google Classroom like Frontend Project using ReactJS and TypeScript   2022
Independent University, Bangladesh (IUB) • Dhaka, Bangladesh

Built a demo frontend project with ReactJS and Typescript that resembles Google Classroom

EDUCATION

Bachelor of Science in Computer Science   Aug 2018 - Present
Independent University, Bangladesh • Dhaka, Bangladesh

- CGPA 3.60 out of 4.0
- Received Financial Aid for academic excellency
- Received recognitions and honorary certificates for academic excellency
- Have been part of IUB IEEE club

GCE A-Level   Mar 2016 - Jan 2018
British Council Bangladesh • Dhaka, Bangladesh

IGCSE O-Level   Jan 2015 - Jan 2016
British Council Bangladesh • Dhaka, Bangladesh

AWARDS AND HONOURS

Dean's Honor Award and Vice Chancellor's Honor Award   2019

- Certificate of merit for successfully achieving academic distinction while studying Computer Science and Engineering with a CGPA of 3.9 out of 4.00 and has been placed in the Dean's Honor List in the Spring 2019 semester.
- Certificate of merit for successfully achieving academic distinction while studying Computer Science and Engineering with a CGPA of 3.93 out of 4.00 and has been placed in the Vice Chancellor's Honor List in the Summer 2019 semester.
- Certificate of merit for successfully achieving academic distinction while studying Computer Science and Engineering with a CGPA of 3.89 out of 4.00 and has been placed in the Vice Chancellor's Honor List in the Autumn 2019 semester.

Vice Chancellor's Honor Award   2020

- Certificate of merit for successfully achieving academic distinction while studying Computer Science and Engineering with a CGPA of 3.91 out of 4.00 and has been placed in the Vice Chancellor's Honor List in the Spring 2020 semester.

TRAINING, WORKSHOPS AND CERTIFICATIONS

- Multithreading and Parallel Programming in C#, Udemy
- Professional Communication Through Email Writing, IUB IEEE Student Branch