Khondokar Radwanur Rahman

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EDUCATION

Rajshahi University of Engineering and Technology Rajshahi, Bangladesh

Bachelor of Science in Electrical and Computer Engineering March 2022 / April 2026

- **Courses included(but were not limited to):** System Design, Microprocessor, Assembly Languages & Interfacing, Database, Object Oriented Programming, Numerical Methods, and Analysis.

EXPERIENCE / PROJECTS

BotaniScan - Plant Disease Classification **Hobby Project**

AI Developer and Software Developer Feb 2024 - Present

- Used ReactJS for frontend development and ReactNative for mobile apps.
- The PlantDisease Classification model was built using the TensorFlow framework.
- For the Backend and deployment, I used FastAPI and TensorFlow Serving. This application comes in both beta and released versions.
- For containerization, I used Docker.

Real Estate House Price Prediction Website **Hobby Project**

Machine Learning and Web Developer Jan 2024 - Feb 2024

- Successfully identified and resolved numerous challenges in **Data Preprocessing** and **Feature Engineering**, ensuring high-quality data inputs for advanced analytics.
- Expertly managed and debugged complex dimensionality issues when working with massive datasets, optimizing performance and scalability.
- Utilized **Python Flask** as a web framework alongside **NGINX** as the web server, delivering efficient and reliable web solutions.

LEADERSHIP & INVOLVEMENTS

- We Team "**Best_Trio**" secured **2nd position** in the **Smart Rajshahi Innovation Challenge** held on October 2023 and contributed to designing, constructing, and pitching the idea with team members.
- Team **"mosQuitt"** was selected for the first-ever **Unibator Program in RUET cohort-1** program. It was an idea contest regarding Innovation and Business. Among 76 teams we successfully secured the **6th position.**
- Participated in **Robi Datathon 3.0**.
- Participated in the **5th KIBO Programming Challenge 2024**. Led the "**Team 5_stack**" and secured position **8th** among 135 teams in the preliminary round.

TECHNICAL STRENGTHS

PROGRAMMING LANGUAGE || Python, C/C++,
BACKEND DEVELOPMENT || Python | JavaScript | Java | FastAPI
FRONTEND DEVELOPMENT || ReactJs | React Native | HTML | CSS
DATABASE || MySQL
INTERESTS || Machine Learning | Deep Learning | Data Science | Statistics | Mathematics
OTHERS || Data Structures and Algorithms | Git | Problem Solving