MD. ATIK MOUHTASIM

COMPUTER SCIENCE STUDENT

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SUMMARY

I've been fascinated by and using computers for as long as I can remember, which naturally led me to pursue Computer Science at RUET. I love building apps and sites, diving into new technologies, and exploring the depths of AI. Beyond just coding, I enjoy working on solving various challenges by collaborating, learning, and growing. Whether it's a new project or an emerging tech trend, I'm always open to take on challenges, adapt, and push my limits. As I have a bit more than a year left to graduate, I'm looking for an industrial attachment opportunity here I can put my skills to real use while continuing to learn from experienced professionals.

EDUCATION

B.Sc. in Computer Science and Engineering   Rajshahi, Bangladesh

Rajshahi University of Engineering & Technology, CGPA 3.58/4.0, SGPA 3.81/4.00   12/2021 - Present

HSC, Science   Dhaka, Bangladesh

Notre Dame College, Dhaka, GPA 5.0/5.0   01/2018 - 12/2020

SSC, Science   Thakurgaon, Bangladesh

Thakurgaon Govt. Boys' High School, GPA 5.0/5.0   01/2010 - 12/2018

PROJECTS AND KEY ACHIEVEMENTS

Cross Platform App Development Advanced Mastery

Currently developing a mobile application as an independent project on my own which I plan on publishing in Play Store and App Store soon. As such, I've kept the main repo private.

- **Developed a cross-platform mobile application using React Native and Expo** to streamline academic processes for students and teachers.
- **Implemented cloud-based attendance tracking with CSV/Excel export** for seamless class management.
- **Integrated Supabase for authentication, database management, and real-time cloud storage,** ensuring secure and scalable backend operations.
- **Designed a user-friendly interface with Nativewind (Tailwind CSS for React Native) and React Native Reusables,** enhancing UI/UX experience.
- **Built class management features**, enabling teachers to create/manage courses, share resources, and post announcements.
- **Implemented direct messaging and discussion forums for interactive learning** between students and instructors.
- **Future roadmap includes Google Classroom integration, offline capabilities, and gamification** to enhance user engagement.

Here's a quick look at the project: helix-77/UniCompanion-readme

*Other than this, created few more react-native application for learning purpose with the help of YouTube and other sources.

Population Prediction Model

Developed a predicting model of the population growth of a city using historical data. The goal was to create an integrated model that combines Newton's Interpolation, Newton's Raphson Method, and curve fitting. A CSV containing Year and Populations data was provided.

Link : Projects/Numerical Integrated Population Prediction at main · helix-77/Projects

Utility Software

Used Python and Tkinter to build a fully functional GUI program that has many useful tools/features in it.
Link: Projects/Utility Software at main · helix-77/Projects

Web development Intermediate Mastery

Created a food delivery website and a portfolio website as an assignment for Web development Bootcamp by Programming Hero. On top of that, made few dynamic websites for learning purpose.

EXPERIENCE

RUET Career Forum   Rajshahi, Bangladesh
Former Member
- I was responsible for dealing, supervising and collecting the seminar banner and poster from the shop for an event.

Notre Dame IT club   Dhaka, Bangladesh
Former Member   01/2018 - 12/2020
- I participated in IT-related activities, projects and workshops during my time at the college

SKILLS

C, C++, Python, Typescript, React, React Native, Expo, Firebase, Supabase, OAuth, GitHub, GIT CLI, Tkinter, Tailwind CSS

COURSES & CERTIFICATS

Supervised Machine Learning: Regression and Classification – 🔗 Coursera

EDGE Course - 🔗 Bangladesh Computer Council and RUET

Web Development Bootcamp - 🔗 Programming Hero

INTERESTS

Programming:
App Development, Web Development, Machine Learning, Data Science

Hobby:
Driving, Fishing, Horse Riding, Hill Trekking, Travelling

LANGUAGES

English – Proficient
Bangla - Native