



Eftakhar Ahmed Arnob

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Languages: English, Bengali

Objective: I aim to design, develop, and maintain efficient software while staying updated on industry trends. I thrive on challenging projects, collaborating with cross-functional teams, and contributing to organizational growth.

Skills:

Technologies

MERN Stack | React | Next JS
 PHP | Android Studio | QuickJS
 HTML5 | SASS

Programming Languages

Python | Java | Kotlin
 JavaScript | Arduino | C | C++

Databases

MongoDB | MySQL

Others

Machine Learning | Robotics
 Git | IoT

References:

Engr. Tofayel Ahmed Ovee
 Graduate Research Assistant
 & PhD Scholar in Dept. of Chemical
 Engineering
 Auburn University, USA
 Email: ovey@auburn.edu

Shadat Hossain Parvez

Assistant Professor in Dept. of CSE
 North East University Bangladesh
 Email: shparvez@neub.edu.bd

Education:

- B.Sc(Engg) in CSE:** Dept. of CSE, North East University Bangladesh. (01/2019 - 12/2022)

Experience:

- Software Engineer (16/03/2023 - Current)**
Dorik Inc, Web: <https://dorik.com/>
- Technical Support Engineer (10/01/2023 – 15/03/2023)**
Dorik Inc, Web: <https://dorik.com/>

Projects:

- Xero-Campus:** This is an education institute management full-stack software developed using Node JS, React & NextJS. Link to [YouTube](#) Overview. Live Site – campus.arnob.dev (09/2023)
- XeroRAT:** This is an Android Studio Project of developing a spyware or Remote Access Tool system for mobile devices (Ethical Usage Only). Link to [YouTube](#) Overview (10/2023)
- Foodie:** Created a food review and restaurant finder website using PHP. Link to [YouTube](#) Overview (08/2022)
- ReachMe:** Created a Social Media Platform website using PHP. Link to [YouTube](#) Overview (06/2022)
- NEUB CodeLand Forum:** Created a forum website for my university using PHP. Link to [YouTube](#) Overview (02/2022)
- Robotic Arm:** Built a robotic arm using Arduino and other robotic components. Link to [YouTube](#) Overview (01/2022)
- Wi-Fi Controlled Car:** Built a Wi-Fi controlled car using ESP8266 and other robotic components. Link to [YouTube](#) Overview (10/2021)
- Retro Cave Adventure:** Made a retro-style game using JAVA. Link to [YouTube](#) Overview (09/2021)
- Demo Operating System:** A demo operating system project using JAVA. Link to [YouTube](#) Overview (07/2021)
- Simple Calculator Project:** Built a calculator using JAVA. Link to [YouTube](#) Overview (06/2021)
- Bank Management Application:** Built a bank management application using JAVA. Link to [YouTube](#) Overview (05/2021)

Achievements:

- BD Rank 141st (Onsite):** ICPC Dhaka Regional 2022 Onsite Contest - 2nd Round.
Team: NEUB_TeamXero - [Source](#) - 2023
- BD Rank 103rd (Onsite):** ICPC Dhaka Regional 2021 Onsite Contest - 2nd Round.
Team: NEUB_TeamXero - [Source](#) - 2022
- BD Rank 90th (Onsite):** ICPC Dhaka Regional 2020 Onsite Contest - 2nd Round.
Team: NEUB_DivisionByZero - [Source](#) - 2021
- World Rank 1677th (BD 13th):** Google CodeJam 2021 Qualification Round.
Username: arnabxero - [Source](#) - 2022
- 2nd Runner Up:** SJ Innovation Hackathon 2021.
Team: Gladiators - [Source](#) - 2021
- 1st Runner Up:** Robotics Contest - NEUB ICT Fest 2019. Team: Pathfinder - [Source](#) - 2019
- 2nd Runner Up:** Project Showcasing - NEUB ICT Fest 2019. Team: Xero - [Source](#) - 2019
- Champion:** NEUB Eid Mubarak Coding Contest. Username: arnabxero - [Source](#) - 2019

Researches:

- Collaborating on a Ph.D. research** project at Auburn University's Department of Chemical Engineering, focused on developing a control system and conducting data analysis for a soft robot designed to mimic human-like environmental sensing and understanding.
- Thesis Research** - 2D Shape Recognition & Completion, Dept. of CSE - North East University Bangladesh: This is my primary thesis research. I am developing a machine-learning model that will recognize a 2D shape from partial data and generate the missing part of it.