Eftakhar Ahmed Arnob

[YouTube](https://www.youtube.com/iftekhararnab) Icon

Description automatically generated https://arnob.dev



Icon

Description automatically generated [arnab.xero@gmail.com](mailto:arnab.xero@gmail.com)

* [GitHub](https://github.com/arnabxero)  [LinkedIn](https://www.linkedin.com/in/arnab-xero/)

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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: ovee@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:**

1. **Software Engineer (16/03/2023 - Current) Dorik Inc, Web: https://dorik.com/**
2. **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**](https://youtu.be/khHK6yo1-vs) Overview. Live Site – [**campus.arnob.dev**](https://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**](https://youtu.be/12rRIKlNako) Overview (10/2023)
  + **Foodie:** Created a food review and restaurant finder website using PHP. Link to [**YouTube**](https://www.youtube.com/watch?v=djQF7OkdLpY) Overview (08/2022)
  + **ReachMe:** Created a Social Media Platform website using PHP. Link to [**YouTube**](https://www.youtube.com/watch?v=ICv4IHnHEuc) Overview (06/2022)
  + **NEUB** **CodeLand** **Forum:** Created a forum website for my university using PHP. Link to [**YouTube**](https://www.youtube.com/watch?v=Y_G0NQBbZ44) Overview (02/2022)
  + **Robotic** **Arm:** Built a robotic arm using Arduino and other robotic components. Link to [**YouTube**](https://www.youtube.com/watch?v=O0rxHLX0vk0) Overview (01/2022)
  + **Wi-Fi** **Controlled** **Car**: Built a Wi-Fi controlled car using ESP8266 and other robotic components. Link to [**YouTube**](https://www.youtube.com/watch?v=q7FhLXdcjRc) Overview (10/2021)
  + **Retro Cave Adventure:** Made a retro-style game using JAVA. Link to [**YouTube**](https://www.youtube.com/watch?v=WOkC11EPrkU) Overview (09/2021)
  + **Demo Operating System:** A demo operating system project using JAVA. Link to [**YouTube**](https://www.youtube.com/watch?v=cKHoxuBoq0Y) Overview (07/2021)
  + **Simple Calculator Project:** Built a calculator using JAVA. Link to [**YouTube**](https://www.youtube.com/watch?v=-427HjhFchQ) Overview (06/2021)
  + **Bank Management Application:** Built a bank management application using JAVA. Link to [**YouTube**](https://www.youtube.com/watch?v=-BAdWcUSlS8) Overview (05/2021)

**Achievements:**

* **BD Rank 141st (Onsite):** ICPC Dhaka Regional 2022 Onsite Contest - 2nd Round.

Team: NEUB\_TeamXero - [**Source**](https://algo.codemarshal.org/contests/dhaka-21-main/standings)- 2023

* **BD Rank 103rd (Onsite):** ICPC Dhaka Regional 2021 Onsite Contest - 2nd Round.

Team: NEUB\_TeamXero - [**Source**](https://algo.codemarshal.org/contests/dhaka-21-main/standings)- 2022

* **BD Rank 90th (Onsite):** ICPC Dhaka Regional 2020 Onsite Contest - 2nd Round.

Team: NEUB\_DivisionByZero - [**Source**](https://algo.codemarshal.org/contests/icpc-dhaka-20/standings)- 2021

* **World Rank 1677th (BD 13th):** Google CodeJam 2021 Qualification Round.

Username: arnabxero -[**Source**](https://codingcompetitions.withgoogle.com/codejam/round/000000000043580a?scoreboard_type=country_Bangladesh) - 2022

* **2nd Runner Up:** SJ Innovation Hackathon 2021.

Team: Gladiators - [**Source**](https://web.facebook.com/story.php?story_fbid=3029435260603224&id=100006103389679&_rdc=2&_rdr) - 2021

* **1st Runner Up:** Robotics Contest - NEUB ICT Fest 2019. Team: Pathfinder - [**Source**](https://www.facebook.com/story.php?story_fbid=2483110551902367&id=100006103389679) - 2019
* **2nd Runner Up:** Project Showcasing - NEUB ICT Fest 2019. Team: Xero - [**Source**](https://www.facebook.com/story.php?story_fbid=2483110551902367&id=100006103389679) - 2019
* **Champion:** NEUB Eid Mubarak Coding Contest. Username: arnabxero - [**Source**](https://www.facebook.com/story.php?story_fbid=3096127180434421&id=843253935721768) - 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.