Arnab Bishakh Sarker

Full Stack Developer | Machine Learning & Computer Vision Enthusiast

👤 About Me

I'm Arnab Bishakh Sarker, a Full Stack Developer who is proficient in.NET, ReactJS, and NestJS. I'm passionate about learning, readily adaptable, and willing to take on new challenges in technology, specifically for Machine Learning and Computer Vision.

📇 Contact

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🔗 Links

in linkedin.com/in/arnabishakh

◯ github.com/arnabishakh

⚙️ Skills

- **.Net (C#) - Full Stack**
- **ReactJS - Frontend**
- **NestJS - Backend**
- **Python . C++ . JAVA**
- **HTML . PHP . Javascript**
- **PostgreSQL . MySQL . Oracle . MicrosoftSQL Server**
- **Machine Learning**
- **Computer Vision**

🈂️ Language

- English
- Bangla

🖋️ Hobbies

Music . Watching Movies . Books . Cooking . Travelling

🎓 Education

Bachelor of Science in Computer Science and Engineering
AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH **(2021 -)**
CGPA : 3.82 (out of 4.00)
Major : Software Engineering

Secondary and Higher Secondary Education
DHAKA RESIDENTIAL MODEL COLLEGE **(SSC - 2017 & HSC - 2019)**
Grade: A+ (GPA 5.00) Both SSC & HSC
- Skills: Team Leadership, C Programming, HTML Scripting, Microsoft Office, Adobe Premiere Pro & Photoshop
- Activities: Olympiad, Cricket, Quiz Competitions, Art & Craft

💼 Work & Projects

'Unlocking Myopia Detection: Leveraging Deep Learning for Accurate Diagnosis' (2023)
SUPERVISOR: DR. DEBAJYOTI KARMAKER, ASSOCIATE PROFESSOR, AIUB.
(Skills: Python, TensorFlow, Keras, PyTorch, Deep Learning, Computer Vision, Research Skills)

'Green Dhaka' - Creating greenery on rooftops & offering assistance by training the unemployed but eligible people. (2023-24)
SUPERVISOR: MD. AL-AMIN, ASSISTANT PROFESSOR, AIUB & FARZANA BENTE ALAM , LECTURER, AIUB.
(Skills: Software Engineering, HTML, PHP, Javascript, AJAX, JSON)

'Fitness Tracker' (2024)
SUPERVISOR: TANVIR AHMED, ASSISTANT PROFESSOR, AIUB.
(Skills: .NET Full Stack Development, N Layer Architecture)

'Skillup' (2024) Learning Management System
SUPERVISOR: SAZZAD HOSSAIN, ASSISTANT PROFESSOR, AIUB.
(Skills: ReactJS, NestJS, NextJS)

Graphics Designer & Video Editor (2019-2023)
Illustrax (Self-owned) Link : facebook.com/illustraxx
(Skills: Adobe Photoshop, Illustrator, Premier Pro.)

Thesis: 'Evaluating the efficacy of Ensemble Learning with Meta Learners in Hybrid Machine Learning Frameworks for Intrusion Detection in Evolving Multifaceted IoT Environments utilising IPFS' (2024-2025)
SUPERVISOR: SIFAT RAHMAN AHONA, ASSISTANT PROFESSOR, AIUB.
(Skills: Machine Learning, Ensembled Learning, Cyber Security, Blockchain, Python, PyTorch)

🗃️ Certifications

- **Dean's List Honors (AIUB)** - Awarded for exceptional academic performance.
- **IT Essentials (Cisco)**