

Abdun Noor Shihab

Full Stack Developer

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"The beginning is the most important part of the work — Plato"

Skills

Soft Skills : Communication, Teamwork, Problem Solving, Adaptability, Time Management

Framework & Library : Angular, React, Node, MongoDB, PHP, MySQL, Javascript, Flutter, Matlab, and Numpy

Research :

- **IoT Based RF Detector Machine**

1. Developed a bot capable of detecting nearby radio frequencies.
2. The detected frequency levels are displayed on an LED display.
3. The primary objective of the project is to identify nearby spy bots or suspicious activities.

- **Optical Network Control Management**

1. Designed, implemented, and operated optical communication systems, including wavelength-division multiplexing (WDM) and fiber optic networks.
2. Optimized data transmission, conducted performance monitoring, and carried out optical troubleshooting.
3. Developed software to control and manage optical devices and networks.

- **Refugee Camp Management- Rohingya R. Camp Vashanchar**

1. Developed a website to manage refugee camp facilities.
2. Identified key stakeholders and their connections with relevant authorities.
3. The primary objective of the project was to integrate the entire camp management system with the software.

Experience

- **IT Intern : Swisscontact**

(November 24-Present) - 2 month +

1. Support/assist IT team in IT operations.
2. Support the IT team in analyzing the requirements in automation
3. Support the IT team in developing/designing IT templates/forms ensuring the seamless IT operations.
4. Comply with data integrity and security policies.

- **Junior Software Engineer : Softlab IT**

(March 24-October 24) - 8 months

1. Design and develop user interfaces using technologies like HTML, CSS, JavaScript, and frameworks like Angular & ReactJS.
2. Implement UI/UX designs into working applications.
3. Develop server-side logic using languages like Node.js.
4. Work with version control systems like Git.
5. Optimize applications for performance and scalability.

Education

- **Bachelor in Computer Science and Engineering**

Independent University, Bangladesh (IUB)

Major: CSE

Minor: Environmental Science

Passing Year: 2024

- **Activities in IUB**

1. SoD: Student on Duty (Office of the Admission and Financial aid)
Duration: 2 years, 7 months

2. Intra IUB Programming Contest, 2023
Position: Top 05 out of 250

Projects

- **Bangladesh Railway Reservation System**

The main aim of the project is to develop an e-ticketing website that can help in booking and reserving railway tickets. We used HTML, CSS, and JavaScript for frontend design and PHP and MYSQL for backend. This website cannot handle many users at the same time as it is a beginner project.

- **LankaBangla Financial Portal**

I worked on a front-end project for a database course, where I designed pages inspired by the LankaBangla financial portal and implemented my personal database to support the functionalities.

- **Simulating Operation of a Refugee Camp**

I worked on a Java project that involved integrating a complete camp management system with the software. I was responsible for the UI design, front-end development, and the preparation of comprehensive documentation.

- **Event Management System**

This is a mobile application project built with Flutter. It is fully functional and supports all devices.

- **Weather APP**

This is a personal project that can update live weather. I have used Accuweather API here which helps me to update live weather.

Training & Certifications

- **CCNAv7: Introduction to Networks**

Cisco

Issued Oct 2022

Credential ID 1043117040

- **Startup 101**

IIDE

The Digital School

Issued Jun 2021

[Credential Link](#)

Extracurricular Activity

1. Former Rover at Bangladesh Scout, Dhaka District Sea
2. Former IT Assistant at Learn & Grow
3. Campus Ambassador at English Olympiad & Bangladesh General Knowledge Olympiad
4. Member at School of Inspiration
5. Founding Member at Phychelogos - Study of the Mind
6. Volunteer Experience in UNICEF, Gontobbo Youth Foundation, Ovjatrik Foundation, Arun Foundation, Ek Takay Ahar etc