

Md. Maruf Bangabashi

Bangabashi Tower, Sabalia, Tangail Sadar.

☎ +88-01779965484 | ✉ marufbangabashi@gmail.com

🐙 github.com/MaRuF-CoDe | in maruf-bangabashi



Objective

To work in an environment that encourages me to succeed and grow professionally and where I can utilize my skills and knowledge appropriately.

Education

Bachelor of Science in Computer Science and Engineering 2020
 Pabna University of Science and Technology, Pabna
CGPA 3.53 on a scale of 4.00, **Rank:** 1st class 5th (Held in the month of October 2022)

H.S.C:

Major General Mahmudul Hasan Adarsha College, Tangail 2015
GPA 5.00 on a scale of 5.00
 Board: Dhaka, Group: Science

S.S.C:

Bindu Basini Govt. Boys' High School, Tangail 2013
GPA 5.00 on a scale of 5.00
 Board: Dhaka, Group: Science

Technical Skills

- **Programming Language:** C, C++, JavaScript, Python.
- **Web Technologies:** HTML, CSS, Nodejs, React.
- **API Testing Tool:** Postman.
- **Database:** MySql, MongoDB.
- **Data Science Tools:** Numpy, Pandas, OpenCV, Scikit-learn, Keras, Matplotlib.
- **Editor:** Latex, Microsoft Office.
- **Networking:** CISCO Packet Tracer.
- **Simulation:** Proteus, MikroC



Soft Skills








- Time management
- Communication
- Leadership
- Creativity
- Teamwork
- Problem-solving
- Adaptability
- Interpersonal skills.

Training, Extra-curricular activities

- Completed “The Complete 2022 Web Development Bootcamp (MERN)” Udemy course.
- Completed “100 Days of Code- The Complete Python Pro Bootcamp for 2022” Udemy course.
- Completed “The Complete Node.js Developer Course (3rd Edition)” Udemy course.
- Completed “Machine Learning A-Z™: AI, Python & R + ChatGPT Bonus” Udemy course.
- Completed “Applied Text Mining and Sentiment Analysis with Python” Udemy course.
- Participated twice in the ICPC preliminary contest named as “Anonymous” Team and solved 2 problems each time.

Personal Projects

- **TinDog** | *Bootstrap*  This single-page website prioritizes responsiveness, catering to various devices such as mobiles, tablets, laptops, and desktops. Developed with Bootstrap, it encapsulates a modern design. Engaging in this project has significantly improved my skills in utilizing Bootstrap for creating responsive web designs.
- **Greetings** | *React*  Built a React website that delivers dynamic color greetings upon entry.

- **Food_App** | *MERN (MongoDB, Express, React, Node.js)*  This website simplifies food search and ordering with organized categories. Users can register and log in, and their information is securely stored in the database. The registration form integrates a location API for real-time user positioning. The 'add to cart' feature is seamlessly implemented using useReducer and context API, ensuring smooth functionality.
- **CRUD** | *MongoDB*  Performed CRUD operations with a MongoDB database involves creating, reading, updating, and deleting data within the database.
- **Weather-App** | *Node.js*  This application enables users to access the current weather status for a designated location by utilizing a weather API. The primary emphasis in this project lies in seamlessly integrating APIs. The application features a web server to facilitate its functionality.
- **YelpCamp** / *Bootstrap, Node.js, MongoDB*  This website, designed with Bootstrap, allows users to explore interesting camping spots and learn about their pricing. It incorporates user registration and login features, utilizing a MongoDB database to store user and camping information.
- **Chat-App** | *Socket.io*  Developed a real-time chat application using socket.io
- **Cisco Packet Tracer**  Designed and implemented a complex network with multiple LANs and WANs, incorporating subnetting for efficient address allocation.
- **Proteus Simulation, MIKroC**  Developed PIC16F877A-based embedded system with 8-bit LCD, 7-segment display, ADC, and DC motor PWM.

Research Experience

Undergraduate Research Work:

My research title is "*Sentiment Analysis on FIFA World Cup 2022 Tweets Using Machine and Deep Learning Approaches*" under the supervision of Subir Saha, Assistant Professor, Pabna University of Science and Technology. **Main Contributions of this research work:**

- In-depth experiment comparing the efficacy of different machine learning algorithms and features.
- Development of a hybrid deep learning model consisting of BiLSTM and Conv1D layers.

Interests

- Exploring new technologies.
- Traveling to new places.

Languages

- English (Fluent Working Proficiency)
- Bengali (Native Language)

Personal Details

- **Father's Name:** Md. Anisur Rahman Bangabashi
- **Mother's Name:** Mst. Shirina Bangabashi
- **Date of Birth:** 30/05/1997
- **Marital Status:** Single
- **Nationality:** Bangladeshi
- **Gender:** Male
- **Blood Group:** B+
- **Religion:** Islam
- **NID No:** 7354030509

References

1. **Dr. Md Abdur Rahim**
Associate Professor & Chairman
Department of CSE at
Pabna University of Science and
Technology.
Email: rahim@pust.ac.bd
Contact Number: 01728548300
2. **Subir Saha**
Assistant Professor
Department of CSE at
Pabna University of Science and
Technology.
Email: subir@pust.ac.bd
Contact Number: 01717964747

Signature:

Maruf

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