MD MAHMUDUR RAHMAN

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in MD MAHMUDUR RAHMAN   ⌾ Abirrahman2

CAREER OBJECTIVE

A hardworking and ambitious final-year Computer Science and Engineering student with experience in competitive programming, backend development, and machine learning research, seeking a software developer role to apply problem-solving skills and technical expertise.

EDUCATIONAL QUALIFICATION

- **Bachelor of Science** in Computer Science and Engineering, American International University-Bangladesh, Kuril, Jan 2022-till now, CGPA: 3.98/4.0
  - **Relevant Coursework**: Object Oriented Programming 1 (JAVA), Database Management Systems.
- **Higher Secondary Certificate** in Science, Dhaka City College, Dhanmondi, Jan 2017-April 2019, GPA: 5.0/5.0
- **Secondary School Certificate** in Science, Barnamala Adarsha High School And College, Shonir Akhra, Jan 2015-Jan 2017 GPA: 5.0/5.0

COMPETITIVE PROGRAMMING

- Codeforces: Abir Hamza
- Leetcode: ABIR RAHMAN
- CSES: ABIR RAHMAN
- PARTICIPATED AT ICPC ASIA DHAKA REGIONAL CONTEST 2024 ONSITE ROUND HOSTED BY DIU. Aiub_BruteForcers(RANK-224)
- PARTICIPATED AT MIAKI PRESENTS KUET IUPC ONSITE 2025. AIUB_DIREWOLFES(RANK-112)
- CS FEST AIUB, PROGRAMMING CONTEST SENIOR DIVISION. MD MAHMUDUR RAHMAN(RANK-11)

SKILLS

Technical Skills:

- Language: Java, C++, C#, R, PYTHON, JavaScript, MySQL, HTML, CSS, PHP
- Frameworks: Spring Boot, NestJS

Soft Skills:

- Ability to work effectively in teams
- Strong Communication skills
- Strong problem-solving and critical thinking abilities

RESEARCH RELATED WORKS

Machine Learning Machine Learning Models for Reliable Thyroid Cancer Recurrence Prediction: A Comparative Analysis (PAPER ID-2024040015) Conference: 4th International Conference on Trends in Electronics and Health Informatics.

ADDITIONAL CERTIFICATION

- ICPC ID- MD MAHMUDUR RAHMAN

PROJECTS

Developer	**E-commerce Website**	*Dec 2024*

Built a dynamic e-commerce website with functionalities for product browsing, cart management, and order processing for users. Fronted was implemented by HTML, CSS, JAVASCRIPT, and with PHP for backend development. Github Link

Developer **Inventory Management System (C#)** *May 2024*

The Metro Framework was used for an enhanced user experience. Used Microsoft SQL Server for data storage and management. Github Link

Developer **Bus Management System (JAVA)** *Dec 2023*

Implemented a simple Java-based system where customers can book buses, view schedules, check bus routes, handle payments. Github Link

Developer **Computer Graphics Project (OpenGL)** *Jul 2023*

Created an OpenGL project that showcases both rural and urban landscapes. Github Link

Database Designer **Car Shop Management System** *Jan 2023*

Designed a database to manage owner, car, cashier, seller, customer, payment and order information, ensuring efficient handling of transactions and business operations. Github Link

Research Assistant **Face Recognition System (CNN)** *Jan 2025*

The model consists of three convolutional layers,pooling layers, and fully connected dense layers. For activation function,ReLU was used. To reduce overfitting, L2 regularization and Dropout techniques were applied. Github Link

Research Assistant **Image Segmentation of Urban Buildings with CBAM** *Mar 2025*

Developed an U-net architecture for Image Segmentation of Urban Buildings with CBAM Attention Module. Github Link

REFERENCE:

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SIGNATURE