Md. Mahebi Alom Dipu

🌐 mahebialom.github.io

○ github.com/mahebialom

in linkedin.com/in/mahebialom

📞 (+880) 1797343460

✉ md.mahebialom@gmail.com

🏠 Jahangirnagar University, Savar, Dhaka

Key Skills: C/C++, HTML, CSS, Java, Javascript, Data Structures & Algorithms, MySQL, Git, LaTeX

Education

- **Jahangirnagar University** — *Savar, Dhaka-1342*
  B.Sc in Computer Science & Engineering — *March 2022 - Present*

  GPA: 3.38 out of 4
  (on last semester out of 8 semesters)

Projects

- **IoT Based Smart Lab Automation with ESP32:** 🔗github.com/mahebialom/IoT-Based-Smart-Lab-Automation-System
  - Utilized **PIR** sensors to detect motion and automatically control lights.
  - Implemented **DHT11** sensor to monitor and display temperature and humidity in real-time.
  - Enabled lab devices to be controlled remotely using a smartphone application via the **Blynk** platform.

- **JU Online Payment System:** 🔗github.com/mahebialom/JU-Online-Payment-System
  - Designed a simple and intuitive **graphical user interface** for seamless navigation.
  - Integrated support for multiple **payment** methods, including credit/debit cards, mobile banking and online wallets.
  - Developed an **admin** panel to manage users, payments, and generate reports.
  - Integreted a **relational database** for efficient storage and retrieval of user and payment records.
  - Used **Java**, **MySQL** Database.

Experience

- **EDGE IoT & Robotics** — *Jahangirnagar University*
  *Participated in an advanced IoT and robotics training program as a **Trainee*** — *Jun 2024 - Jan 2025*
  - Hands-on experience with Arduino, ESP32, and Raspberry Pi platforms.
  - Learned to design and deploy automation systems using IoT technologies.
  - Mentored by experienced professionals in IoT and robotics fields.

Technical Skills & Interests

- **Languages** — C/C++, Java, JavaScript, SQL.
- **Web Development** — HTML, CSS, Bootstrap, Wordpress.
- **Platforms & Tools** — Git, Github, Overleaf, Neatbeans, EasyEDA, Blynk, VS Code, Linux, Arduino, ESP32.
- **Soft Skills** — Adaptability, Critical Thinking, Teamwork, Time Management.
- **Interests** — Artificial intelligence, IoT.

Achievements

- **Responsive Web Design Certification:** 🔗 freecodecamp.org/certification/mahebi_alom — *freeCodeCamp*
  Completed a 300-hour course covering HTML, CSS, and responsive design principles — *Nov 2024*

- **National High School Programming Contest** — *ICT Division*
  Selected as a National Participant and Winner in the Regional Contest — *Apr 2016*

Volunteer and Extracurricular Activities

- **National Collegiate Programming Contest 2023** — *Jahangirnagar University*
  Assisted in organizing the National Collegiate Programming Contest held at JU — *Feb 2024 - Mar 2024*