



Md Saklain Mahmud

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ABOUT MYSELF

I am Md Saklain Mahmud, a Computer Science and Engineering undergraduate with a strong interest in software development and software quality assurance. Passionate about building reliable and efficient software systems, I am skilled in programming, system design, and testing methodologies. Motivated by real-world problem solving, I aim to contribute to high-quality software products while continuously learning and adapting to emerging technologies.

EDUCATION & TRAINING

BACHELOR IN COMPUTER SCIENCE & ENGINEERING

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB) [2022 - Current]

City: Dhaka | **Country:** Bangladesh

Higher Secondary Certificate

Comilla Residential College [2018 - 2020]

City: Comilla | **Country:** Bangladesh

Secondary School Certificate

Comilla Zilla School [2014 - 2018]

City: Comilla | **Country:** Bangladesh

LANGUAGE SKILLS

Mother tongue(s): Bengali

Other language(s): English

SKILLS

Programming Language

JavaScript | Python | C# | C++ | Java

Frontend

React | HTML | CSS | Axios

Backend

Node.js | Express.js | REST APIs | JWT Authentication

Databases

MongoDB | MySQL

Tools & Technologies

Git | Github | Vite | Postman | Thunder Client | Netlify | Microsoft Office

Concepts

Authentication & Authorization | CRUD Operations | MVC Architecture

PROJECTS

ProjectFlow — Full-Stack Project Management System Tech: React, Node.js, Express, MongoDB, JWT

- Designed and developed a full-stack project and task management web application with secure JWT-based authentication.
- Implemented protected REST APIs for projects and tasks with ownership-based authorization.
- Built a React frontend with login, registration, dashboard, and task workflow (todo / in-progress / done).
- Integrated frontend and backend using Axios and Authorization headers.
- Followed clean folder structure and modular architecture; maintained separate frontend and backend repositories on GitHub.

Portfolio Website Tech: React, JavaScript, HTML, CSS, Tailwind CSS

- Designed and deployed a responsive personal portfolio website using React.
- Implemented reusable components and modern UI practices.
- Deployed on Netlify with live project showcases.

Link: <https://md-saklain-mahmuds-portfolio.netlify.app/>

Job Marketplace Website Tech: PHP, MySQL, HTML, CSS

- Developed a full-stack job marketplace platform with user registration, job posting, and applicant management.
- Designed relational database schema and implemented secure data handling.

Library Management System using Java Tech: Java

- Built a Java-based library management system supporting book registration, borrowing, and returns.
- Focused on modular design and user-friendly workflows.

e-Shop Management System Tech: C#, OOP, Database (SQL)

- Developed an e-Shop Management System using C# with a focus on object-oriented design and backend logic.
- Implemented core features including product management, inventory tracking, and order processing.
- Designed and integrated a relational database to ensure data consistency.
- Applied software engineering principles such as modular design and separation of concerns.

INTERESTS

1. Software Development

2. Frontend Engineering

3. Debugging