

MD MOHIUL ISLAM MIRAZ

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EDUCATION

International Islamic University Chittagong BSc in Computer Science and Engineering CGPA: 3.78	2023 - 2026
Hazi Mohammad Mohsin College Science GPA: 5.00	2019 - 2021
Chittagong Collegiate School Science GPA: 5.00	2013 - 2019

SKILLS SUMMARY

Languages: Python, C++, JavaScript, HTML, CSS
Frameworks & Libraries: Django, Django Rest Framework, ReactJS, Bootstrap, TailwindCSS
Databases: PostgreSQL, MySQL, MS SQL Server
Version Control: Git, GitHub, GitLab
Development Tools: VS Code, Cursor AI, Postman
DevOps & Deployment: Docker, Namecheap, AWS S3, Render
API & State Management: REST APIs, Axios, Redux
Development Methodologies: Agile, Scrum

WORK EXPERIENCE

BACKEND DEVELOPER | WEAR VAULT | [LINK](#) **August 24 - October 24**

- Integrated **PayPal payment gateway** to handle secure online transactions; dynamically handled redirection based on success or failure of payment.
- Designed a **custom checkout flow**, saving customer order data and enabling PayPal-based payment confirmation with order tracking.
- Developed a full-featured e-commerce platform using Django with custom **user authentication** system including signup, login, email verification, and password reset.
- Implemented **email-based account activation and secure password reset workflows** using Django tokens.
- Implemented **email notifications** for order confirmation using Django's email system.
- Developed a **responsive product browsing and filtering system** with category-based listing and **AJAX-powered** search functionality.
- Added **custom admin features** for order management and real-time tracking using Django's admin interface.

PROJECTS

HOTEL BOOKING PLATFORM | [LINK](#)

February 25 – March 25

- Developed **user authentication** with email activation, password reset, and profile management.
- Implemented **hotel booking system** with check-in/out date validation and real-time room availability.
- Created **hotel analytics** (revenue, occupancy, bookings) and performance comparison features.
- Designed **email notification system** for user activation and password reset using **threading**.
- **Frontend** for hotel booking platform using **React** and **Redux** for state management.
- Implemented **API integration** with **Axios** for handling hotel and room data fetching and manipulation.

EDUCATIONAL PLATFORM | [LINK](#)

March 25 – April 25

- Implemented **JWT-based user authentication** with secure login and logout.
- Implemented **role-based permissions** for instructors, admins, and students using DRF's permission classes.
- Built full **CRUD operations for courses** using **ModelViewSet** with instructor-specific access control.
- Developed **course ownership validation** for create, update, and delete operations.
- Added **review system for courses**, allowing users to post, edit, and delete reviews.
- Designed **Instructor Courses View** to list all courses created by a logged-in instructor.

ADVANCE BLOOD DONATION SYSTEM | [LINK](#)

February 24 – April 24

- Built features like **blood search**, **real-time availability check**, and **blood request with auto-confirmation emails**.
- Integrated **real-time notifications** and email confirmations to improve user engagement and system efficiency.
- Used **PostgreSQL** as the primary database for data management.
- Deployed the application on **Render** for scalable hosting.
- Utilized **AWS S3 Bucket** for secure and efficient media file storage.

PROBLEM SOLVING

- **Codeforces**: Solved 500+ problems using **C++**.
- **LeetCode**: Solved 100+ problems using **Python**.

LANGUAGE

- **English** | Fluent
- **Bangla** | Native
- **Hindi** | Intermediate