



SAIYED HOSNE MOBARAK ADNAN

Self-motivated MSc graduate with strong technical skills and a passion for technology. Proactive and eager to apply my knowledge in building scalable, efficient and user-centric applications. Skilled in both frontend and backend technologies with a focus on delivering high-quality solutions. Quick to learn new technologies with a strong work ethic and the ability to adapt to new challenges and environments. Ready to contribute to innovative projects and collaborative teams.

Working Experience

Junior Software Engineer

Orange Solutions Ltd.

United Group

Duration: March 2025 - Continue

Responsibilities: Contributed to the development of ERP software solutions with a focus on the **Supply Chain Management** module. Worked across both front-end and back-end systems to enhance functionality and user experience.

Technologies Worked In: Spring Boot, React, Java Servlet, JavaScript, Crystal Report, Microsoft SQL

Projects

Project Name: Rent A Car Automation (Web & Mobile)

- **Applications:** Angular, Flutter, Spring Boot, PrimeNG, Tailwind CSS, Flowbite, MySQL
- **Description:** Built a cross-platform car rental service with a unified **Spring Boot backend** powering both the **web (Angular)** and **mobile (Flutter)** apps. Integrated PrimeNG, Tailwind CSS, and Flowbite for a sleek, responsive web UI. Used MySQL for data management and real-time synchronization.
- **Key Achievements:**
 - Full-stack development with shared backend for both web and mobile.
 - Optimized UI/UX for both platforms with responsive design.
 - Scalable backend architecture with Spring Boot and MySQL.
- **Duration:** 4 months

Project Name: ATM System

- **Applications:** Java Swing, MySQL
- **Description:** Built a fully functional ATM simulation with a Java Swing GUI, connected to a MySQL database for real-time transaction and account management. Focused on security and user-friendly experience.
- **Duration:** 1.5 months



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TECHNICAL SKILLS

- Spring Boot
- Spring Security
- Flutter
- Angular
- C#, .NET
- Spring MVC
- React
- Android
- Java
- JavaScript
- TypeScript
- Oracle, MS SQL & MySQL Database
- Microsoft Office
- C/C++ (Basic)

Hard SKILLS

- Excellent Communication Skills
- Team works and Collaboration
- Highly Adaptable

Language SKILLS

- Native in **Bengali**
- Proficient in **English**
- Conversational in **Hindi**

Projects

Project Title: E-Prescription and Medical Store Management System

Applications: Spring Boot, React, MS SQL, Git, Postman

Role: Backend Developer (Professional Project)

Responsibilities:

- Designed and developed the backend architecture of the project using Spring Boot.
- Implemented RESTful APIs to enable communication between the backend and the React-based frontend.
- Managed database operations using MS SQL and JPA frameworks.
- Conducted API testing and debugging using Postman to ensure system reliability and efficiency.
- Collaborated with frontend developer working on React JS to integrate APIs and ensure seamless data flow.
- Used Git and GitHub for version control and team collaboration.

Project Title: ERP — Enterprise Resource Planning System

Applications: JAVA, ZAB, Crystal Report, MS SQL

Role: Supply Chain Management & Accounts (Professional Project)

Responsibilities:

- Developed the **Supply Chain Management (SCM)** and **Accounts** modules, focusing on procurement, inventory management and financial transaction processes.
- Implemented core business logic and ensured seamless data flow between SCM, Accounts and other system modules.
- Managed database operations using MS SQL and JPA frameworks.
- Performed testing, debugging and performance optimization to improve system reliability and efficiency.
- Collaborated with cross-functional developers to align SCM and Accounts functionality with project requirements and business needs.

Training & Certification

IsDB-BISEW IT Scholarship Programme

Web and Mobile App Development using Spring Boot, Android & Flutter

Duration: 8.5 months (March, 2024 - January, 2025)

Research Work Experiences

Lead Acid Battery Restoration by using ultra sonic sound method.

Research Supervised by **Professor Dr M Mahbubur Rahman**,
Professor, Department of Physics, Jahangirnagar University.

Co-supervised by **Md. Khairul Islam**, Scientific Officer, Wazed Miah Science
Research Center, Jahangirnagar University.

Award

- **Bronze Medal (Third position) in University Physics Competition (UPC).**

Academic Qualification

Degree	Institution	Major	Year
Masters of Science (MSc)	Jahangirnagar University	Physics	2021
Bachelor of Science (BSc)	Jahangirnagar University	Physics	2020
Higher Secondary Certificate (HSC)	Engineering University School & College	Science	2016
Secondary School Certificate (SSC)	Armanitola Government High School	Science	2014

Extra-Curricular Activities

- Participated in Debate Competitions at school level.
- Participated in Science Olympiad at school level.
- Participated in Math Olympiad at school level.
- Arranged and managed sports event of the Physics department of Jahangirnagar University.

Personal Information

Father's Name: **Late Mir Mobarak Ali**

Mother's Name: **Shahanaz Begum Sathi**

Date of Birth: 16 November, 1999

Nationality: **Bangladeshi** by Birth

Blood Group: **A+**

Reference

- **Md. Aiub Ali**
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Digital Entrepreneurship and Innovation Eco-System Development Project under Bangladesh Hi-Tech Park.
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