A Z Hasnain Kabir

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About Me

Full-stack software engineer with hands-on experience leading the development of scalable software solutions for real-world clients. Proven track record of designing architecture and implementing complex systems, applying strong analytical and problem-solving skills to overcome technical challenges.

Work Experience

Logicri (Independent Student Venture)   January 2025 – Present
Co-founder and Technical Lead

- Led a cross-functional team of 4 developers to deliver 3 end-to-end projects including a custom ERP system for a local retailer.
- Managed client relationships, requirements gathering, sprint planning, stakeholder demos and UAT.
- Provided client-facing support for deployments and debugging (Level 3).
- Solved system design challenges, including data redundancy handling, query optimization and asynchronous data processing.

Kaz Software   June 2024 – September 2024
Software Engineer Intern

- Developed key modules for a business and tax regulations as well as management web application using React.Js and .NET core; reduced application load time through SQL query optimization and asynchronous API calls.

Education

Islamic University of Technology

B.Sc Engineering in **Software Engineering**   *June 2021 – September 2025*
CGPA: 3.87/4.0 (*until seventh semester*)

Notre Dame College   Motijheel, Dhaka

Higher Secondary Certificate   **2020**
GPA: 5.0

Ideal School and College   Motijheel, Dhaka

Secondary School Certificate   **2018**
GPA: 5.0

Skills

- **Programming Languages:** Typescript, C#, Java, Python, C++
- **Frameworks & Libraries:** NodeJs, ExpressJs, ReactJs, NextJs, ASP.NET Core, Spring Boot
- **Concepts & Practices:** Object-Oriented Design, SOLID Principles, Design Patterns, Agile
- **Databases & Storage:** MongoDB, MySQL, Oracle, Firebase
- **DevOps & Tools:** RabbitMQ, Docker, Git/GitHub Actions, AWS EC2/ECR
- **Problem Solving:** Solved 100 + problems on **LeetCode** and 200 + problems on **Codeforces** , excelling in algorithms, data structures and complexity analysis.

Achievements

- **1st Runner Up - BUET DevSprint 2024**: Built a web application that is a project management platform with Git-style version control and real-time collaboration.
- **Participant - Therap Javafest 2024**: Qualified for Therap Javafest 2024 and went to the finals.
- **Participant - DU ITVerse Hackathon 2023 (DevOps Segment)**: Participated on a 24 hours Hackathon on Dhaka University ITVerse 2023 and went to the finals.

Projects

ErrumBD (2025)

- **Enterprise Resource Planning** Solution as well as E-Commerce for medium scale footwear business.
- **Technologies**: NextJS, MongoDB, Docker, ExpressJS, NodeJS, AWS EC2, AWS ECR, RabbitMQ.
- **Features include**: Customer Orders, Point of Sale, Inventory management, Outlet management, Stock transfer, Accounting & Reports, etc.

USMLE Bros (2024)   GitHub

- Educational platform for helping medical students prepare for USMLE examination.
- **Technologies:** NextJS, Firebase, Docker
- **Features include:** Content Management System, Chat, Blog, Forum, Custom Editor as well as a dedicated Admin Panel to manage entire application.

Bit (2024)   GitHub

- Therap Javafest project - Study application to maintain and foster study habits.
- **Technologies**: ReactJS, Java Springboot, MongoDB, Llama 2, Ollama
- **Features include**: Goal Planner and Tracker, LLM generated Response based Forum, Study Timer, Group study, Marketplace to redeem trophies based on points.

ProjectHub (2024)   GitHub

- DevSprint Hackathon project - An interdisciplinary project management & collaboration platform.
- **Technologies**: MongoDB, ExpressJs, ReactJs, NodeJs, Git, Github Actions, MochaJs as well as Docker.
- **Features include**: Version Control & Contribution, Multidisciplinary project listing, Skill based matching with users, Reputation & incentive system, etc.

EcoConnect (2023)   GitHub

- A social media for environment enthusiasts.
- **Technologies** MongoDB, ExpressJs, ReactJs, NodeJs, Git, MochaJs.
- **Features include:** EcoEvent, EcoCommunity, EcoProfile, Location based event tracking, etc.

Extracurriculars

IUT Computer Society

Treasurer   *2024 – Present*

Organized **11th National ICT Fest - 2024**, developing team management and event organization, supported initiatives taken by club and managed budgeting.