Md. Abdur Rahim

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Education

Daffodil International University — Ashulia, Dhaka, Bangladesh
Bachelor of Science in Computer Science & Engineering — *Jan. 2022 – Dec. 2025*

Technical Skills

Languages: C/C++, JavaScript, TypeScript, Golang
Frontend: React.js, Next.js, Tailwind CSS, Radix UI
Backend: Node.js, Express.js, RESTful APIs, JWT, OAuth
Database & Tools: PostgreSQL, MongoDB, Docker, Git/GitHub, Postman

Projects

Job Board SaaS Platform | *Next.js, TypeScript, Prisma, PostgreSQL* — 2025

- Engineered a scalable Job Board SaaS platform using **Next.js**, supporting distinct employer/candidate workflows with **rich-text editors** and optimized **server-side filtering**.
- Integrated **UploadThing** for efficient media handling, enabling seamless monetization features.
- Implemented **Server Actions** and **Inngest** to handle asynchronous background jobs, ensuring reliable data processing.
- Architected a normalized **Prisma** schema to manage complex relationships between users, jobs, and applications.
- Enhanced performance using **Next.js Image optimization**, dynamic imports, and strategic **caching**, significantly reducing load times.

Secure Fintech Wallet | *TypeScript, Express, PostgreSQL (Docker), Jest, Prisma* — 2024

- Built a test-focused Fintech backend to validate **atomicity in money transactions**, using **Optimistic Concurrency Control** to prevent double-spending under concurrent load.
- Attained **95% test coverage** using **Jest** and **Supertest**, ensuring robust system reliability and zero regression.
- Designed and documented a RESTful API using **Swagger/OpenAPI** for seamless third-party integration.

Open Source Contributions

NesoHQ Issue Tracker | *Open Source Contributor* — Current

- Contributed to a community-driven issue tracker for open source projects, with **GitHub API integration** to manage github issues directly from the board.
- Supported a real-time project board workflow used by **100+ users** for issue tracking and collaboration.
- Collaborated with the **NesoHQ community** to improve product features and deliver a better developer experience.

Achievements & Leadership

ICPC Participant | *ACM International Collegiate Programming Contest* — 2022, 2023

- Participated in ICPC Preliminary rounds for two consecutive years

Second Runner Up | *DIU Take-off Programming Contest* — Spring, 2022

- Secured 3rd position in competitive programming contest among 500+ participants, hosted in 2 rounds.

ACM Executive | *Daffodil International University* — 2021-2022

- Organized programming contests and technical events for university students and computer science community
- Enhanced student engagement through collaborative initiatives with faculty and effective communication

Problem Solving

Competitive Programming | *650+ Problems Solved* — 2020 – Present

- Solved **650+ problems** on Codeforces, LeetCode, HackerRank, CodeChef focusing on algorithms and data structures.
- Track my coding progress on Codolio Profile.