

Md. Raihan Hossen

Full Stack Developer

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Professional Summary

Full Stack developer with a strong focus on building responsive, reliable, and secure applications. Experienced in modern frontend frameworks and UI development, alongside designing and developing scalable RESTful APIs. Passionate about solving complex problems and optimizing performance across the stack.

Skills

Frontend Technologies	:	React, Next.js, Tailwind, CSS3
Backend Technologies	:	FastAPI, Spring Boot, Firebase
Databases	:	PostgreSQL, MongoDB, MySQL
Tools	:	Git, GitHub, Linux, Docker, Postman, SQLAlchemy, SMTP
UI	:	Shadcn, MagicUI, DaisyUI
Cloud	:	DigitalOcean, Heroku, Vercel, MongoDB Atlas, Aiven

Projects

Ballotguard

- Built a secure online voting platform using Next.js and Spring Boot with JWT-based authentication and role-based access control.
- Developed responsive and modern pages using Tailwind CSS and built dynamic and reusable UI components to support key election workflows, including voter authentication and vote submission.
- Designed a one-time, email-based voting link system to prevent duplicate votes and ensure election integrity.
- Used Spring Data MongoDB to implement repository-based database access in MongoDB.
- Deployed Spring Boot backend in Heroku Virtual Machines (Dynos)
- [Live Link](#) 🔗 [Frontend Repo](#) 🔗 [Backend Repo](#) 🔗

Neuraletter (Development in progress)

- Developed an AI-powered newsletter service using Next.js and FastAPI.
- Implemented modern UI principles, reusable components, responsive pages and used third-party components library like Shadcn, MagicUI and Reactbits.
- Implemented credentials and OAuth based authentication and role-based access control.
- Integrated a third-party AI API to converse with users and generate newsletters for them.
- Implemented RESTful APIs in FastAPI and used SQLAlchemy for ORM-based database access in PostgreSQL.
- Deployed FastAPI backend in DigitalOcean Linux droplet.
- [Live Link](#) 🔗 [Frontend Repo](#) 🔗 [Backend Repo](#) 🔗

Achievements

- Achieved 1st runner-up position in JUST ACM Laboratory Junior Level Programming Contest.
- Solved 360+ problems in Codeforces ([Account Link](#) 🔗).

Education

Studying B. Sc. in Computer Science and Engineering at
Jashore University of Science and Technology
Current CGPA: 3.62 out of 4.00