

# Mainul Islam Rahat

## Software Engineer

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📍 Dhaka, Bangladesh

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### SUMMARY

Backend-focused Software Engineer with proven experience building scalable APIs and web systems using Python and Django. Skilled in UI design with Tailwind CSS, Mantine, and Shadcn. Currently expanding into full-stack development with React and Next.js through practical projects. Passionate about clean architecture, collaboration, and continuous growth.

### EXPERIENCE

#### Software Engineer

Mar 2024 – Dec 2024 | Dhaka, Bangladesh

🏢 [Cloud Development & Data Analytics Limited](#)

- Built and deployed robust back-end systems with Django, SQL Alchemy and REST APIs.
- Led code reviews to improve codebase quality and adherence to best practices.
- Participated in regular knowledge-sharing sessions to stay aligned with modern tech trends.

#### Junior Software Developer

Feb 2023 – Feb 2024 | Dhaka, Bangladesh

🏢 [REPLIQ Limited](#)

- Developed scalable web applications with Python and Django.
- Mentored interns and assigned tasks, improving team productivity.
- Named “Employee of the Month” for consistent delivery of high-quality code.

#### Junior Software Developer Intern

Dec 2022 – Feb 2023 | Dhaka, Bangladesh

🏢 [REPLIQ Limited](#)

- Built RESTful APIs with Django and DRF using Test-Driven Development (TDD).
- Collaborated with designers and engineers to build seamless user experiences.

### SKILLS

**Languages:** Python, JavaScript, C, C++

**Backend:** Django, DRF, Async SQLAlchemy, Alembic

**Frontend:** HTML, React, Next.js

**Databases:** MySQL, PostgreSQL, SQL

**UI Design:** CSS, Tailwind CSS, Shadcn, Mantine, Bootstrap

**Tools:** Git, Docker, Postman, Swagger, Celery, WebSockets, Jira, ClickUp

### EDUCATION

B.Sc in Computer Science & Engineering

Dhaka, Bangladesh

🏛 [North South University](#) - 2017

### PROJECTS

- **PyReactor:** Website development platform with plugin support, built to simplify site creation.
- **Property Source:** Land trading platform enabling users to buy/sell land with secure transactions.
- **BeeBox:** Parcel delivery platform with real-time tracking for merchants and customers.
- **ProHr:** Recruitment platform focused on connecting developers with hiring companies.
- **CardiCheck:** Telemedicine solution for cardiology appointments and patient monitoring.
- **Pharmik:** Full-featured pharmacy management software with digital prescription handling.
- **Suppliers:** E-commerce platform for furniture retailers operating in B2B and B2C models.
- **Sebagriho:** Appointment based healthcare platform for doctor and patient.

### AWARDS & CERTIFICATIONS

#### Employee of the Month – REPLIQ Limited (Oct 2023)

Recognized for delivering high-quality backend solutions and driving project success.

### EXTRA-CURRICULAR ACTIVITIES

- **Quantum Foundation** (Quantum Graduate and Volunteer) March 2023 - Present
- **British Council – Active Citizens** (Volunteer) January 2021 - April 2021
- **Onushondhitshu Chokro Science Organization** (Project Manager) January 2008 - February 2012