

Mainul Islam Rahat

Software Engineer

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📍 Dhaka, Bangladesh
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SUMMARY

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

July 2024 – Present | Dhaka, Bangladesh

🏢 [Raptor Tech](#)

- Developed and deployed backend with Django, managing server-side operations and optimized performance.
- Built AI-powered chatbot with OpenAI Assistant API, reducing manual workload by 40%.
- Automated workflows using n8n and Supabase, improving process efficiency by 30%.

Software Engineer

Mar 2024 – Jun 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

March 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

Operating systems: Windows, macOS, Ubuntu, Linux Mint, Fedora

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, N8N, Supabase, Twilio, Infobip, Videosdk, Payload

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.
- **Supplers:** E-commerce platform for furniture retailers operating in B2B and B2C models.
- **Sebagriho:** Appointment based healthcare platform for doctor and patient.
- **Chefbot:** Restaurant’s AI chatbot.

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