

# Md. Kazi Iqbal Hossen

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## Profile

Computer Science graduate from GSTU. Fullstack Web Programmer expertise in NextJS and Django. Proficient at developing and delivering RESTful APIs, ensuring site's data security and application's scalability. Experienced Software Engineer with a demonstrated history of working in the corporate industry.

## Education

**Gopalganj Science & Technology University**, B. Sc. in CSE Jan 2019 – Dec 2022

- CGPA: 3.63 out of 4.00
- Coursework: Computer Architecture, Data Structure & Algorithm, Computational Thinking, Problem Solving, System Design, Requirements Analysis.

## Experience

**Backend Lead**, GameBD – Banani, Dhaka Jan 2025 – Present

- Led to the development of a scalable backend architecture using Django and PostgreSQL.
- Designed the database schemas and implemented Django models that ensures efficient SQL queries.
- Delivered RESTful APIs along with 2FA (Email), JWT (Auth), SHA512 (Password) and OAuth2 (Google).
- Collaborated with frontend developers to integrate backend services, ensuring seamless data flow and eliminating unnecessary API calls.
- Optimized database queries and indexing strategies, resulting in low latency and high throughput.
- Mentored 2 junior developers, fostering a collaborative team environment and promoting best coding practices (SOLID, OOP, Design Patterns).

**Augmented Reality Engineer**, Next Solution Lab – Mirpur DOHS, Dhaka Dec 2024 – Jan 2025

- Developed an AR mobile application using React Native and SnapAR SDK that overlays 3D shoe models onto real feet.
- Use SnapAR's object recognition capabilities to trigger AR experiences on Fashion products.
- Design and develop snap lenses that provides real world fashion try-on experiences.

**Backend Developer**, Techforing Ltd. – Baridhara DOHS, Dhaka Aug 2024 – Nov 2024

- Optimized and maintained existing HRMS backend built with Django and MySQL.
- Implemented KPI tracking and monthly reporting features for different departments.
- Designed systems to convert monolithic architecture into microservices using Redis, FastAPI, Celery and Docker.

**Head of Engineering (Contractual)**, ParcelFly Courier – Bongshal, Dhaka Dec 2024 – Present

- Design and develop the entire courier service automation system.
- Implement the backend system (REST API) using Django and PostgreSQL, hosted on Heroku.
- Develop the entire frontend (Merchant Panel, Hub Panel, Admin Panel) using NextJS 15 and Shadcn/ui. Added theming (light & dark) and dynamic rider onboarding.
- Develop the Rider Mobile App using React Native and Expo. Riders can view delivery assignments, update delivery status and tracking content.

**Fullstack Developer (Contractual)**, One Academy – Bakshibazar, Dhaka Apr 2024 – Jan 2025

- Created and maintained the academy management system using Django (backend) and React (frontend).
- Implemented features such as student, teacher and staff authentication, profile management, course management, attendance tracking, exam setting by teachers and online exam taking by students.

## Projects

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### Loyalty Platform for ReadyLab

[play.readylab.co](https://play.readylab.co)

- A loyalty 3.0 platform that allows businesses to create and manage customer loyalty programs, track their engagement, and reward loyal customers. Based on Philippines.
- Tools Used: NextJS, REST API, Django, MySQL, Redis

### Gamification Platform for GameBD

[play.gamebd.co](https://play.gamebd.co)

- A gamification platform that offers a variety of games, tournaments, missions, and point rewards to engage gamers and enhance their experience on the GameBD's partners platform (bKash, Nagad, Pathao).
- Tools Used: NextJS, REST API, Django, PostgreSQL, Redis, AWS

### Courier Service Automation for ParcelFly

[www.parcelflybd.com](https://www.parcelflybd.com)

- A courier service automation system that streamlines parcel delivery operations, including merchant panel, hub panel, admin panel, and rider mobile app.
- Tools Used: NextJS, REST API, Django, PostgreSQL, Expo, React Native, Heroku

## Skills

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**Languages:** C, C++, Java, JavaScript, TypeScript, Python, MQL5, SQL, HTML, CSS

**Frameworks:** JavaFX, React, React Native, NextJS, FastAPI, Django, LaTeX, Manim Community

**Database:** PostgreSQL, MySQL, SQLite, Redis

**Tools:** Scene Builder, VSCode, IntelliJ IDEA, Git, GitHub, Vite, Ruff, Expo, Docker, Postman, Figma