Omar Rayhan Uddin

Senior Backend Engineer

Dhaka, Bangladesh · +8801823033037 · omarrahim186@gmail.com · LinkedIn · GitHub

SUMMARY

Backend Engineer with 5+ years building scalable Django applications and APIs in production. Currently Senior Backend Engineer at Daivio (Germany), designing data-intensive platforms for AI model training and dataset analytics. Specialties: PostgreSQL optimisation, async pipelines (Celery), REST/GraphQL API design, and AWS deployments.

SKILLS

Languages: Python · JavaScript · Go

Backend: Django · Django REST Framework · FastAPI · Gin · Graphene Django

Frontend: React.js · Next.js

Databases: PostgreSQL · MySQL · MongoDB

Infra & Tools: AWS (EC2, S3, Lambda) · Redis · Celery · Docker · Git

Practices: RESTful APIs · GraphQL · WebSocket · Agile / Scrum · TDD

EXPERIENCE

Daivio — Schleswig-Holstein, Germany (Remote) Jan 2026 – Present

Senior Backend Engineer · Full-time

- Designed backend systems for a data-analytics & AI training platform similar to Kaggle — handling dataset ingestion, processing, and visualisation at scale.
- Implemented async data pipelines with Celery for long-running tasks (ETL, model training triggers); optimised PostgreSQL schemas and queries for large structured datasets.
- Contributed to system architecture decisions; collaborated daily with data scientists and frontend engineers to ship end-to-end features.

Maptoway — Dhaka, Bangladesh (Contract) Jun 2025 – Jan 2026

Backend Engineer

- Delivered project-based REST and GraphQL APIs; designed PostgreSQL schemas and integrated closely with frontend teams for seamless API contracts.

W3Kernel — Dubai, UAE (Remote) Feb 2022 – Jun 2025

Backend Engineer

- Built and maintained REST and GraphQL APIs for CRM and ERP platforms; optimised legacy code for performance and stability.
- Managed cloud deployments on AWS (EC2, S3) and handled data layer with PostgreSQL and MySQL.

KEY PROJECTS

Daivio – Data Analytics & AI Training Platform

- Built scalable REST APIs for dataset ingestion, transformation, and visualisation workflows.
- Async processing pipelines (Celery) for long-running tasks; optimised PostgreSQL for large-scale structured data.

Dubai Refreshment – Enterprise Backend

- SAP integration for B2B ordering; admin panel for order/user management; automated merchandiser workflows reducing operational costs.

FinDoc AI & Online-Spine AI

- Backend systems for AI-assisted financial-document analysis (risk flagging, data extraction) and medical-image diagnosis (X-ray/MRI interpretation).

Wright Talent & Super Gym

- Resume builder / job-portal backend with secure candidate management; IoT-enabled gym-access and membership system with automated renewals.

EDUCATION

Northern University Bangladesh — B.Sc. Computer Science & Engineering Dec 2023 – Mar 2026

Dhaka, Bangladesh

Feni Govt. Computer Institute — Diploma in Data Telecommunication & Networking Aug 2019 – Dec 2023
Chittagong, Bangladesh

LANGUAGES

English (Fluent) · Bengali (Native) · Hindi (Conversational)