

Md Mahiuddin

Backend Software Engineer

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PROFESSIONAL SUMMARY

Backend Software Engineer focused on turning business workflows into reliable systems. Experienced in LLM powered systems and modular monolith architecture. Currently leading backend development for a ride-sharing platform, including its WhatsApp automation and booking workflows.

PROFESSIONAL EXPERIENCE

Backend Engineer | **OrbaAise Technologies Limited** · Remote Sept 2023 – Present

- Lead backend architecture, development, and technical delivery of a ride-sharing and logistics platform processing 15k+ completed rides per month, with customer bookings through WhatsApp AI Bot, Customer app and fulfillment through a dedicated driver app.
- Collect requirements from stakeholders and translate them into backend architecture, API contracts, database designs, and production-ready workflows.
- Designed and implemented a WhatsApp-based gas delivery system, enabling operations staff to manage and assign deliveries through a dashboard while drivers complete deliveries through a dedicated driver app.
- Designed and implemented real-time communication and tracking capabilities, enabling live driver location updates, driver-customer chat, and real-time fare bid synchronization across the platform.
- Reduced AI assisted booking costs by 75–80% by integrating WhatsApp Flows, buttons, and list messages to replace unnecessary AI interactions and streamline customer booking workflows.
- Improved backend quality, reliability, and maintainability through code reviews, refactoring, automated unit and integration testing, asynchronous and scheduled processing with Redis and Celery, and granular role-based access control across platform services.

Software Engineer | **Xemiron IT Solutions** · Onsite Mar 2023 – Aug 2023

- Developed backend features for (DigiLangua.co) a multilingual language-learning platform supporting English, Spanish, French, German, and Italian, including auto-graded assessments, reading-time tracking, and student-progress workflows.
- Designed database schemas and system architecture for a Chinese character learning platform, enabling guided writing practice, progressive learning workflows, and teacher-based student progress monitoring; collaborated with another developer on API implementation.
- Developed backend functionality for (Mailbox Locate), a location-search platform covering 200K+ mailboxes, post offices, and USPS-approved stamp retailers across the United States and its territories.

Junior Software Engineer | **Kernel Coders Lab** · Onsite (Intern) Dec 2022 – Feb 2023

- Developed reusable frontend components and integrated them with backend APIs for advertisement management and CRUD-based workflows while collaborating with senior engineers through Git-based development and code reviews.
- Tested cross-platform mobile applications on Android and iOS, identified and reported functional issues, and built a simple gallery application to gain practical experience in cross-platform development.

SKILLS

Languages: Python, JavaScript, Go, SQL

Backend: Django, Django REST Framework, REST APIs, Webhooks, Celery

AI & Automation: LLM Integration, OpenAI APIs, WhatsApp Meta Cloud API

Databases: PostgreSQL, MySQL, Redis

Tools & Infrastructure: Git, Docker, Linux, Nginx

EDUCATION

BSc in Computer Science and Engineering, North Bengal International University

In Progress