

RAKIB HASAN

Software Engineer

CONTACT INFORMATION

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SUMMARY

Passionate about building scalable backend systems and optimizing workflows, I specialize in Python Django development and DevOps practices. With expertise in CI/CD, cloud infrastructure, and system automation, I focus on delivering efficient, high-performance solutions while ensuring seamless integration across development and operational teams.

AREA OF EXPERTISE

Languages: Python, JavaScript

Frameworks: Django, Django Rest Framework, FastAPI, Flask, React

Tools: Docker, Git, GitHub, CI/CD, NGINX, Apache

CMS: WordPress, Shopify

Others: DSA, REST APIs, Soap APIs, GraphQL, PostgreSQL, MySQL, Microservices, Linux

KEY ACHIEVEMENTS

Backend Engineer at Codenco IT: Led the development of scalable backend systems, improving system efficiency and reducing downtime, contributing to enhanced user experience and operational performance.

ERP for The CodeGrammer: Streamlined core business processes for The CodeGrammer by architecting a custom ERP system with integrated CRM and HRM modules.

PROFESSIONAL EXPERIENCE

Backend Engineer, Codenco IT

May 2022 - Dec 2025

- Worked on several Influencer Marketplace, E-commerce, and OTA platforms, developing scalable, high-performance systems.
- Integrated and streamlined GDS, NDC, LCC and Airline APIs, and built custom SDKs to streamline integration, enhance reusability and enable seamless real-time flight search, booking and ticketing.
- Developed internal SDKs for Stripe, PayPal, SSLCommerz, bKash, and Nagad ensuring secure, standardized regular, recurring and regulation-compliant payment processing.
- Designed and applied robust API architectures for efficient data exchange between internal systems, third-party services and client applications.
- Optimized data handling and caching, improving overall system speed, reliability and scalability.
- Collaborated with cross-functional teams to deliver secure, high-performance integrations aligned with travel and payment industry standards.

Backend Engineer, Purified Ice Station

Mar 2021 - May 2022

- Developed and maintained the official website for Purified Ice Station, ensuring smooth performance and a modern user experience.
- Designed and built a complete ERP system including POS, Accounting, and HRM modules to streamline daily operations and improve efficiency.
- Integrated inventory and sales tracking features within the ERP, providing real-time business insights and simplifying management workflows.
- Supervised application deployments, server configurations, and updates to ensure stability, security, and minimal downtime.

Web Developer, Arbi Aromas

Nov 2020 - Jan 2021

- Developed and oversaw web application for a perfume brand, handling full-stack development, payment integration, reporting stats and platform maintenance.
- Enforced inventory, order management, and customer modules, ensuring a smooth shopping experience and efficient backend operations.

Self-Project: TCG CRM

Started From 2023

- Developed a complete CRM & HRM ERP system using Django, integrating client, project, invoicing, HR, and payroll management modules.
- Designed scalable backend architecture and optimized database performance for smooth multi-user operation and efficient data handling.
- Managed deployment, maintenance, and continuous feature updates, ensuring reliability and seamless business workflow automation.

Self-Project: TCG Agency

Started From 2024

- Built a Django-based digital agency management platform with a custom admin dashboard.
- Implemented modules for services, portfolio, client inquiries, and content management, providing a full agency website solution.
- Handled server configuration, deployment, and system optimization to maintain high performance and uptime.

Self-Project: Microservice-Based Task Management System

Started From 2024

- Planned and expanded a task management system using a microservices architecture to ensure scalability, modularity, and independent service deployment.
- Built core services for task creation, assignment, status tracking, and user management, communicating via REST APIs.
- Executed asynchronous communication and database separation between services to enhance performance and maintain fault isolation.
- Deployed services using Docker and directed inter-service communication through an API gateway.
- Focused on clean API design, logging, and monitoring to improve maintainability and system reliability.

EDUCATION

BSc in Computer Science and Engineering

Dhaka International University

- Relevant coursework includes Data Structures, Algorithms, Software Engineering, Database Systems, and Web Development.

LANGUAGES

English – Professional Proficiency

Bangla – Native

AWARDS

1. **Outstanding Performance Award** – Codenco IT