

# Md Robiul Islam SAKIB

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## Software Engineer

With **3 years of experience**, hands-on **VPOE and Full-Stack Lead** with expertise in **web and mobile development (Django, Node.js, Next.js, Flutter)**, **AWS cloud infrastructure, databases, and AI integration**. Skilled in **CI/CD, scalable architectures, and team mentorship**, delivering **high-performance, secure, and user-centric applications**.

### WORK EXPERIENCE

#### BrandCloud Inc.

09/2022 - Present

#### VPOE (Vice President Of Engineers) • Full-time

Dhaka

- **Working as Vice President of Engineering (VPOE) at NDI (Ninja Digital Innovations)**, a sister concern of BrandCloud Inc. in Bangladesh.
- Acting as **Full-Stack Lead**, driving end-to-end development and mentoring engineers across projects.
- **Designing, deploying, and maintaining AWS infrastructure** (EC2, RDS, S3, CloudFront, IAM, Route 53) to ensure scalability, security, and cost efficiency.
- **Managing containerized environments with Docker & Docker Compose**, including Nginx reverse proxy setup, SSL termination with Certbot, and microservices orchestration.
- **Providing hands-on expertise in backend** (Django, Node.js, Express, Golang), **frontend** (Next.js, React, Vue.js, JavaScript), and **databases** (PostgreSQL, Redis, ChromaDB, MinIO).
- **Leveraging AI (Vibecoding)** to enhance system performance, productivity, and development workflows, and actively mentoring engineers in AI-driven tools.
- **Implementing CI/CD pipelines** to improve deployment quality, reduce errors, and accelerate release cycles.
- **Troubleshooting and resolving infrastructure and application-level issues** to ensure high system reliability and performance.

#### Software Engineer

Minato, Tokyo

- Fostered a culture of continuous improvement by mentoring peers in code review best practices, resulting in more efficient collaboration and higher team morale.
- Cultivated a high-performance team environment by mentoring engineers, resulting in improved morale and productivity without specific metrics.
- Cultivated a disciplined approach to task management by guiding engineers, leading to improved ownership, collaboration, and overall productivity.

#### B-JET

05/2022 - 09/2022

#### Trainee • Full-time

Dhaka

- Developed a foundational understanding of business etiquette within 3 months, enhancing professional interactions and communication skills.
- Achieved conversational proficiency in Japanese within 6 months by dedicating 10 hours weekly to structured language practice and immersion.
- Implemented software development methodologies within 3 months, enhancing team collaboration and project efficiency through structured processes.

#### W3Engineers Ltd.

11/2021 - 04/2022

#### Software Engineer Intern Full-Stack

Bashundhara, Dhaka

- Gained hands-on experience with multiple technologies, including **Go, Beego, Flask, REST APIs, Node.js, Express, Python, Vue.js, and JavaScript**.

- Completed assignments and practical projects to apply and strengthen knowledge of these technologies.
- Developed professional skills in **time management** and reducing **process redundancy** to improve efficiency.

## EDUCATION

### B.Sc. in Computer Science & Engineering in Computer Science

United International University

Dhaka • 09/2016 – 10/2021

### Higher Secondary Certificate in Science

Lion's School & College

Saidpur • 01/2013 – 06/2014

### Secondary School Certificate in Science

SunflowerSchool&College

Saidpur • 01/2011 – 01/2012

## PROJECTS

### KnowledgeLinks AI – Enterprise AI Knowledge Management System

10/2024 – 08/2025

BrandCloud Inc. (NDI Division)

#### Project Description:

Developed an AI-powered enterprise knowledge management system that enables employees to query internal documents (PDF, Word, Excel, PowerPoint) and receive instant, accurate responses, enhancing internal knowledge sharing and decision-making processes.

- **Role:** Full-Stack Lead / Technical Architect
- **Company:** BrandCloud Inc. (NDI Division)
- **Team Size:** 12
- **Technologies:** Backend – Django, Node.js, Express, Golang; Frontend – Next.js, React, Vue.js, JavaScript; Databases – PostgreSQL, Redis, ChromaDB, MinIO; Cloud – AWS (EC2, RDS, S3, CloudFront, IAM, Route 53); AI – OpenAI GPT, Claude, Gemini; DevOps – Docker, Docker Compose, Nginx, Certbot, CI/CD

#### Key Responsibilities & Achievements:

- **AI Integration:** Integrated multiple large language models (OpenAI GPT, Anthropic Claude, Google Gemini) to provide accurate responses to employee queries based on internal documents.
- **Security & Access Control:** Implemented two-factor authentication and enhanced user access controls to ensure secure usage.
- **User Interface Overhaul:** Redesigned the admin interface to improve usability and streamline management tasks.
- **Monitoring & Analytics:** Developed features to visualize token usage and file data consumption, aiding in cost management and resource allocation.
- **Infrastructure Management:** Designed, deployed, and maintained AWS infrastructure (EC2, RDS, S3, CloudFront, IAM, Route 53) to ensure scalability, security, and cost efficiency.
- **Containerization & Orchestration:** Managed containerized environments with Docker & Docker Compose, including Nginx reverse proxy setup, SSL termination with Certbot, and microservices orchestration.
- **Continuous Integration & Deployment:** Implemented CI/CD pipelines to improve deployment quality, reduce errors, and accelerate release cycles.

### Benrimono – On-Demand Delivery & Errand Service App

05/2022 – 06/2024

BrandCloud Inc.

#### Project Description:

A **mobile platform connecting users with gig workers** for on-demand delivery, shopping assistance, and urgent errands, providing fast, secure, and reliable services across iOS and Android.

- **Role:** Full-Stack Lead / Technical Architect
- **Company:** BrandCloud Inc.
- **Team Size:** 4

- **Technologies:** Backend – Next.js, Vercel, AWS, DynamoDB; Mobile Frontend – Flutter (iOS & Android); Online Payment Integration

### Key Responsibilities & Achievements:

- **Platform Development:** Led development of the gig-based service platform connecting users with delivery personnel.
- **Cross-Platform Mobile App:** Built **iOS and Android apps** using Flutter for seamless, native-like experience.
- **Service Features:** Implemented parcel delivery, shopping assistance, urgent errands, and integrated **online payment system**.
- **User Experience & Security:** Designed intuitive interfaces and implemented QR code authentication for secure transactions.
- **Real-Time Tracking & Performance:** Enabled real-time delivery tracking and optimized app performance to handle concurrent users.
- **Deployment & Infrastructure:** Managed backend deployment on **Vercel** and **AWS**, leveraging **DynamoDB** for scalable data management.

### Go API

12/2021 - 12/2021

- **Designed and implemented a structured REST API** with Swagger for clear documentation and ease of integration.
- **Integrated PostgreSQL** for reliable data storage and management.
- Implemented **robust error handling** to display meaningful messages when data was not successfully saved.
- Developed **duplicate data checks** to maintain data integrity.
- Applied **data validation using Go (Golang)** to ensure accuracy and consistency across inputs.

### Web-Scraping

12/2021 - 12/2021

- **Implemented web scraping solutions** to extract both images and structured data from website URLs.
- Built an **automated system for database and table creation**, enabling dynamic data storage.
- Designed logic to **prevent duplicate entries** and maintain data integrity.
- Developed functionality for **on-demand dynamic database and table creation** based on incoming data.

### DYNAMIC FORMS BUILDER

10/2021 - 10/2021

- **Developed a dynamic form generation system** allowing users to create customizable forms with various input field types.
- Enabled flexibility for users to **design forms with any number of fields** (single or multiple) based on requirements.
- Implemented functionality to **input and submit data** through the generated forms.
- Built features to **display created forms and their submitted data** in an interactive data table.

### COMMERCE

01/2019 - 03/2019

- **Developed an eBay-like e-commerce auction platform** with core marketplace functionalities.
- Implemented features for users to **post auction listings** and **place bids** in real time.
- Added functionality to **comment on listings** and foster user engagement.
- Designed a **watchlist feature** enabling users to track preferred auctions.
- Built a **category-based search system** for efficient item discovery.

### SKILLS

AI/ML Integration OpenAI GPT, ChromaDB, CI/CD, Claude, Cloud & DevOps (AWS, Docker, DynamoDB, Full-Stack Development, Gemini, Golang, MinIO, Next.js, Nginx, Node.js, React, Real-Time Tracking, Redis, REST APIs, Security & Authentication., SSL, Vercel

**SOFT SKILLS:** Cope up with new environment easily, Effective Communicator, Eye for detail, Hard-working, Problem Solving, Public Speaker, Quick Learner, Reliable, Team Leader, Up for learning new things