



# Md Kamran Hosan

## Software Engineer

### Contact

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### Accounts & Portfolio



### About Me

With nearly two years of experience in PHP, Laravel, Vue.js, and RESTful APIs. I specialize in building scalable web applications, designing secure APIs with Passport-JWT, and optimizing performance with Redis caching. Skilled in Laravel's Event-Listener architecture, Queues, and Jobs, I thrive in Agile environments focused on clean code and collaboration.

### Skills

**Advanced:** PHP, Laravel, RESTful API, MySQL

**Intermediate:** Vue.js, Git, Github, Docker, LLM, NLP, Redis

**Familiar:** Wordpress, CodeIgniter

### Educational Qualification

#### Bachelor of Science

Jatiya Kabi Kazi Nazrul Islam University, Trishal, Mymensingh

2018- 2022

- Bachelor of Science in Computer Science & Engineering (CSE) with a strong foundation in software development.
- Gained expertise in algorithms, database management, and modern technologies.
- Developed problem-solving skills to build efficient and scalable applications.

### Professional Experiences

#### Software Engineer

OCT 2023 – PRESENT

Synergy Interface Ltd | Mirpur DOHS, Dhaka, Bangladesh

- Develop full-stack applications, REST APIs, and set up Postman environments for mobile teams.
- Design databases with Eloquent ORM, optimize queries, and follow Laravel best practices.
- Plan and execute Agile development, using Redis for caching, achieving 3X faster performance.

#### Junior Software Developer

MAR 2023 – SEP 2023

Questlog Holdings Ltd | North Badda, Dhaka, Bangladesh

- Collaborated with a dynamic team to develop and optimize software solutions for business efficiency.
- Integrated payment gateways, optimized code, and implemented a service layer for maintainability.
- Utilized Laravel Event Listeners, enhancing application performance and scalability.

### Projects

#### Distribution Management System (DMS)

Associated with Synergy Interface Ltd.

- A complete ERP system with a mobile application for Nokia Mobile's mother distributor in Bangladesh.
- Managing 1.5M+ stocks, 1M+ sales, and millions of data, including warranty activities in a calendar year.
- Supporting 500+ distributors and 19,000+ retailers in daily business operations.
- Implemented AI-based voice reporting, Jobs, Queues, and Task Scheduling for a robust and efficient system.

**Skill Used:** PHP, Laravel, RESTful APIs, MySQL, Laravel Event-Listener, Queues, Jobs, Scheduling, Redis

#### Field Force Tracking System (FFTS)

Associated with Synergy Interface Ltd.

- A real-time GPS tracking system for 1,000+ SRs daily, scheduling visits and verifying attendance.
- Stores location data every 10 minutes (9 AM – 6 PM) and generates reports on visit status (on-time, late, missed).
- Provides a notification system for missed visits and evaluates monthly performance.

**Skill Used:** PHP, Laravel, RESTful APIs, MySQL, Laravel Event-Listener, Scheduling, Redis

#### Nursery Management System (NMS)

Associated with Synergy Interface Ltd.

- ERP system with a mobile app to manage plant production and sales across 500+ Beats and 100+ Ranges, integrating an approval hierarchy system.
- Used Redis Caching, API Resources, and rate limiting to enhance system security, optimization, and performance.

**Skill Used:** PHP, Laravel, RESTful APIs, MySQL, Laravel Event-Listener, Redis

#### Diagnostic Center Management System

Associated with Questlog Holdings Ltd

- A smart software for Lab Quest Limited, allowing patients to book health packages and doctor appointments with real-time slot availability set by doctors.
- Enabled patient history tracking and PDF prescription downloads after doctor visits, improving patient management and convenience.