

# Md Tawhiqul Islam Rafi

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Portfolio: [rafi.codesbreak.com.bd](http://rafi.codesbreak.com.bd)

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## Skills

- **Full-Stack Web Development:** Laravel, Vue.js, React, CodeIgniter
- **Backend Development:** REST API design, database architecture, authentication, role-based access
- **Frontend Development:** JavaScript, Vue.js, React, Bootstrap, Tailwind CSS
- **Database & DevOps:** MySQL, phpMyAdmin, CI/CD, VPS, cPanel/hPanel, Docker
- **Project & Team Management:** Agile/Scrum, requirement analysis, SRS documentation, task assignment
- **Other Skills:** Git/GitHub, problem-solving, system design, API integration, debugging

## Projects

- **E-commerce Platforms**

Custom multi-vendor & single-vendor systems with order management, inventory, and payment gateways.

*Live Projects:* [shojonsl.com](http://shojonsl.com), [khoshrozltd.com](http://khoshrozltd.com), [khorochpati.com](http://khorochpati.com), [nittoponnomart.com](http://nittoponnomart.com), [wemaabd.com](http://wemaabd.com)

- **Learning Management Systems (LMS)**

Course management, live classes, student dashboards, and API-based integrations.

*Live Projects:* [munnasirclassroom.com](http://munnasirclassroom.com), [e-pushti.net](http://e-pushti.net), [ainsheba.com](http://ainsheba.com)

- **ERP Solutions**

HRM, attendance, accounting modules, workflow automation, and fingerprint attendance integration.

*Live Projects:* [erp.khoshrozltd.com](http://erp.khoshrozltd.com), [hr.codesbreak.com.bd](http://hr.codesbreak.com.bd), [codesbreaklab.com](http://codesbreaklab.com), [jjentr.com](http://jjentr.com)

- **Project Management Systems**

Task assignment, roles/permissions, sprint tracking, and reporting dashboards.

- **Custom Web Applications**

Company portfolio, content management system, admin dashboard.

*Live Projects:* [cryogenicnchemicals.com](http://cryogenicnchemicals.com), [iproxybid.com](http://iproxybid.com)

- **GitHub Projects**

REST API development, Basic banking system, Real-Time Chat app using **Laravel Livewire**, MVC without framework, and some basic data science projects.

[\(github.com/tawhiqulislam\)](https://github.com/tawhiqulislam)

## Knowledge About

- Cron Jobs & Scheduled Tasks
- OAuth2 & API Authentication
- Queues & Workers
- Role/Permission Systems (ACL / Spatie)
- Eloquent ORM
- Optimizing Queries & Caching
- Service Classes
- Payment Gateway Integration
- Repository Pattern
- Logging & Monitoring
- Modular Architecture
- Clean Code & SOLID Principles

## Experience

Feb 2025 – Present

### **Codes Break Limited, Dhaka** – *Software Engineer*

- Delivered **10+ production-ready web applications**, including e-commerce, e-learning, attendance systems, and **HRM (SaaS)** platforms.
- Owned **full-stack development, deployment, and server maintenance**, supporting applications with **1,000+ active users**.
- Improved system performance and stability through optimized database queries, caching, and clean architectural patterns.

Sep 2023 – Present

### **Bee Technology and Research Hub, Dhaka**—*Senior Software Engineer (Team Lead—Part-time / Project-based)*

- Led architecture, code reviews, and delivery for **6+ client projects**, including e-learning, ERP, e-commerce, and project management systems.
- Coordinated a team of **3–6 developers**, ensuring on-time delivery and consistent code quality.
- Reduced rework and technical debt by introducing **structured reviews and modular architecture practices**.

Jan 2024 – Aug 2024

### **Khoshroz Group of Company, Dhaka**—*Senior Web Developer*

- Built and maintained **in-house e-commerce and ERP systems** supporting **multiple business departments**.
- Developed Laravel-based e-commerce and CodeIgniter ERP solutions, while maintaining **React-based portfolio sites**.
- Integrated **biometric fingerprint attendance** into the ERP, improving attendance accuracy and operational efficiency.

Sep 2024 – Oct 2024 (Contract / Short-term)

### **JB Connect Limited, Dhaka—Software Engineer (Frontend-focused)**

- Developed **responsive, high-performance UI components** for customer-facing applications.
- Improved frontend usability and load performance by collaborating closely with backend teams and refining workflows.

Feb 2023 – Aug 2023

### **Texon Limited, Dhaka—Junior Software Developer**

- Implemented core **e-commerce features** using Laravel and MySQL for live customer platforms.
- Contributed to frontend development and delivered a **Vue.js-based application** as part of a collaborative team environment.

## **Education**

2018 - 2022

### **Port City International University - Bachelor of Science (B.Sc.)**

- Computer Science and Engineering

2017

### **City Biggan College, Chattogram - Higher Secondary Certificate (HSC)**

- Science

2015

### **South Halishahar High School, Chattogram - Secondary School Certificate (SSC)**

- Science

## **Certifications**

- PHP with Laravel Framework Certification – BITM Chittagong (August 2022)

## **Professional Summary**

**Full-Stack Software Engineer** with **3.5+ years of hands-on experience** building and scaling production web applications, including **SaaS platforms, ERP systems, e-commerce solutions, and learning management systems**. Strong expertise in **Laravel, PHP, Vue.js, React, and MySQL**, with a backend-first mindset and solid frontend integration skills.

Proven experience **leading small teams**, owning **system architecture**, and delivering **end-to-end solutions**—from requirements and database design to deployment and server management. Comfortable working in **remote, cross-functional environments**, adapting quickly to new technologies, and translating business requirements into clean, maintainable, and scalable software.