

Rayhan Hosen Refat

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Transforming business challenges into scalable, technology-driven solutions

Professional Summary

Full-Stack **Developer** experienced in building scalable web applications using **Laravel**, **React**, **Node.js**, and **TypeScript**, with strong skills in **APIs**, **Docker**, and **CI/CD**.

Core Skills

Backend: Laravel, PHP 8+, Node.js, RESTful APIs, JWT Authentication

Frontend: React, TypeScript, Inertia.js, TailwindCSS, JavaScript (ES6+)

Databases: MySQL, PostgreSQL

DevOps: Docker, Git, GitHub Actions, Nginx, CI/CD, DigitalOcean

Practices: Agile/Scrum, Database Design, SEO Optimization, Code Review

Soft Skills: Leadership, Collaboration, Technical Documentation

Experience

Laravel Developer

TECH & BYTE (Remote)

Apr 2022 – Present

Comilla, Bangladesh

- Developed and deployed full-stack Laravel applications with **RESTful APIs** and scalable database architectures.
- Led a team of 3 developers, managing **Agile sprints**, code reviews, and Git-based workflows.
- Integrated **React + Inertia.js** frontends and containerized deployments using **Docker**.
- Improved SEO and AdSense performance.

Stack: Laravel, React, Inertia.js, MySQL, Docker, Git, TailwindCSS, Nginx

Convocation Registration System Developer (Solo Project)

Comilla University

Aug 2025

Comilla, Bangladesh

- Built a full-scale registration system with **role-based access**, secure authentication, and real-time analytics.
- Integrated **SSLCommerz payments**, automated PDF certificates, and validation workflows for 7,000+ graduates.
- Deployed production-ready builds on **DigitalOcean** with optimized Nginx configuration.

Stack: Laravel, Inertia.js, TailwindCSS, MySQL, SSLCommerz, DigitalOcean, REST APIs

Full-Stack Developer

Freelance & Contract

Dec 2021 – Mar 2022

Remote

- Developed **PHP-based web applications**.
- Managed clients, timelines, and end-to-end delivery to ensure high-quality outcomes.
- Built responsive UI/UX layouts optimized for all devices.

Stack: PHP, Laravel, JavaScript, jQuery, MySQL, Bootstrap, Git

Personal Projects

Comilla University Convocation Registration System | *Web Application*

- Scalable platform for 7,000+ users with **live payments**, automated verification, and PDF certificate generation.
- Stack: Laravel 12, Inertia.js, TailwindCSS, MySQL, SSLCommerz, DigitalOcean
GitHub: /rayhan-hosen/comilla-university-convocation-registration-public

Customized Chatbot Application | *AI Fine-Tuning & Workflow Integration*

- Built a domain-specific chatbot using the **Open Router API** with **Express** and **MySQL** for contextual automation.
- Stack: Node.js, React, TailwindCSS, Open Router API, Express, MySQL. LinkedIn: personalized-finetuned-chatbot

Custom Exam System (Re-engineered TutorLMS Plugin) | *WordPress Plugin*

- Extended and customized **TutorLMS** with new features, analytical reports, and guardian dashboards for school admins. GitHub: /rayhan-hosen/exam-system-plugin-public

ContentGen — SEO-Optimized Content Engine

- AI-powered generator for SEO-optimized blogs, YouTube scripts, and LinkedIn posts with automated WordPress publishing.
- Stack: Node.js, React, TailwindCSS, OpenAI Fine-Tuning, MySQL
GitHub: /rayhan-hosen/contengen-public

Education

BSc in Computer Science & Engineering	2022 – 2026 (4th Year)
Comilla University (CoU), Comilla, Bangladesh	
Higher Secondary Certificate	2020
Comilla Victoria Govt. College GPA: 5.00/5.00	
Secondary School Certificate	2017
Comilla Modern High School GPA: 5.00/5.00	

Leadership & Activities

Convener, Web Development Club, CSE, CoU (2025) — Organized hackathons and technical bootcamps.

Organizing Secretary, CoU IT Society (2025) — Managed Comilla University IT Society website and events.

Executive Member, BASIS Student's Forum (2024).

Instructor, Web Development Club, CSE, CoU (2024) — Conducted sessions on Laravel, React, and API design.

Information Resource Member, CoU IT Society (2024) — Curated content and coordinated developer outreach.