

# Avijit Acharjee

Software Engineer

Chattogram, Bangladesh

Software Engineer with 4+ years of experience designing and scaling secure, high-performance backend systems for enterprise and government platforms while collaborating with international teams across Malaysia and Canada through agile methodologies.. Strong focus on Laravel architecture, API engineering, database optimization, and DevOps workflows. Proven record of improving system performance, reliability, and security in production environments.

## EXPERIENCE

### Patricius IT — Software Engineer

September 2025 - Present

- Architected, developed and maintained a **Malaysian Government KPI Management System** and **Malaysian Government Assessment System** contributing to all modules.
- Refactored **system architecture** into modular, maintainable components, improving system stability and easing future feature development.
- Improved performance with **optimized Eloquent queries**, **Redis caching**, **job queues**, and **optimized DB indexes**—reducing latency by up to 40%.
- Managed deployments and infrastructure using **Docker**, **Nginx**, **MySQL**, **CI/CD** and **Azure DevOps**.
- Implemented **advanced security layers**, including **ACL**, **policy-based authorization**, **rate limiting**, **data validation pipelines**, **audit logs**.

### Authentic Four Technology — Software Engineer

July 2024 - August 2025 ( Full-time )

- Engineered high-performance, full-stack web applications including POS, News Paper, E-commerce, CRM, Travel agency management, Accounting Softwares.
- Optimized complex database queries and application logic in Laravel, resulting in a **5x increase** in page load speed for a key news portal application.
- Led code reviews, mentored junior developers, and contributed to **architectural decision-making** across teams.

### Freelance Software Engineer

June 2022 - June 2024

- Delivered **10+ production-ready Laravel applications**, including e-commerce, news portals, and business platforms.
- Architected secure Laravel applications with user authentication, authorization (e.g., Laravel Sanctum/Passport), and payment gateway integrations, managed ubuntu servers.
- Worked end-to-end: **requirement analysis, system design, development, deployment, and maintenance**.

### Premier University, Chittagong — Software Engineering intern

November 2021 - June 2022

- Spearheaded the end-to-end development of a scalable university management system serving 10,000+ students and faculty.
- Designed and optimized the backend for a critical result publication module, leveraging efficient cron jobs and caching, decreasing generation time by 3x.
- Built a responsive university website handling 5,000+ daily visitors..

## EDUCATION

Premier University, Chittagong — BSc. in CSE ( 2017 - 2021 )

Sir Ashutosh Govt. College, Chittagong — HSC ( 2014 - 2016 )

## PROJECTS

### Daily Lal Sobuj — Newspaper E-portal - (<https://dailylalsobujbd.com>)

Technologies: Laravel, MySQL

Key Features:

- **Newspaper** : An e-portal of a renowned newspaper printed from Dhaka.
- **Admin Panel**: Backend for adding and managing news and monitoring and controlling platform operations.

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<https://linkedin.com/in/avijitech>

## SKILLS

**Programming Languages:**

PHP, Python, JavaScript, TypeScript

**Frameworks & Libraries:**

Laravel, CodeIgniter, Next.js, FastAPI

**Front-End Design:** Tailwind

CSS, HTML, CSS, Bootstrap

**Databases:** MySQL, SQLite

**DevOps & Cloud:** Azure

DevOps, Docker, CI/CD, Ubuntu, Apache, Nginx, AWS ( Basics), Vercel, CPanel

**Version Control:** Git, GitHub

**API Development:** REST

APIs, WebSockets

**Testing & Debugging:** Jest,

Pest, Postman, Browser DevTools

**Design Tools:** Figma, Gimp,

Canva

**Languages:** English

(Fluent), Bengali (Native), Hindi (Fluent), German (Basic)

**Project Management:**

Github, Azure, Gitlab

## AWARDS

Student of the Batch,

Bitm ASP.NET Course

(2019)

## CO-CURRICULAR

### ACTIVITIES

Flutist with 8+ years

experience in Hindustani classical tradition

Guitar enthusiast exploring

fusion and contemporary styles