

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.

📞 +8801878362896

✉️ avijitach@gmail.com

🌐 <https://github.com/avijitacharjee>

🔗 <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