

# MD ANWAR HOSSAIN

Software Engineer | 3+ Years

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## SUMMARY

Passionate and detail-oriented **Full Stack Web Developer** with hands-on experience in building dynamic, scalable, and user-focused web applications using **Laravel** and **Next.js**. Skilled in both front-end and back-end development, with a strong foundation in API design, database management, and modern web technologies. Committed to continuous learning, clean code practices, and delivering efficient, high-quality solutions that enhance user experience and business performance. Eager to contribute to innovative projects and collaborate within a forward-thinking software development team.

## EXPERIENCE

07/2025 - Present

### Software Engineer

#### Metal Studio Pvt. Ltd.

**Metal Studio** is a cutting-edge technology company specializing in Intelligent Automation solutions. With a focus on innovation, **Metal Studio** harnesses the power of advanced technologies to provide seamless integration of intelligent systems, driving efficiency and enhancing operations across various industries.

- Analyzed project requirements and implemented effective technical solutions to enhance existing systems.
- Developed and maintained RESTful APIs using Laravel for Android applications and Single Page Applications (SPAs).
- Optimized SQL queries to improve database performance and application efficiency.
- Designed and structured relational databases, ensuring data integrity and scalability.

07/2023 - 06/2025

### Software Engineer

#### Motion Soft

Motion Soft is a software company of Motion View. They are provided to ERP, E-commerce, Accounting, HRM and various software's.

- Analyzed business requirements and delivered effective solutions to enhance existing project functionality and performance.
- Developed and maintained RESTful APIs using Laravel for Android platforms and Single Page Applications (SPAs).
- Collaborated on front-end development using modern technologies such as React.js, Next.js, and Socket.io to create interactive user experiences.
- Integrated payment gateways and various third-party APIs, ensuring secure and seamless data transactions.
- Optimized database queries and improved overall application efficiency through query tuning and indexing.
- Designed and implemented database schemas with a focus on scalability, maintainability, and performance.

07/2022 - 06/2023

### Jr. Web Developer

#### Soft IT Security

Soft IT Security is an established Software firms in Bangladesh. They are provided different software, HR & Payroll Software, Web Development, Software Security, Sales & Inventory Software, Hospital ERP, Auto Car Servicing System, Petrol Pump Management Software & Accounting Software

- Collaborated with clients to analyze requirements and deliver effective solutions for existing projects.
- Contributed to the monthly development of new projects, primarily focusing on backend architecture and functionality.
- Participated in daily team meetings to discuss upcoming modules, task progress, and new feature implementations.
- Developed RESTful APIs using Laravel for Android applications and Single Page Applications (SPAs) as needed.

## EDUCATION

01/2018 - 12/2022

### B.Sc. In Computer Science and Engineering (CSE)

#### City University

GPA 3.52 / 4.00

Khagan, Ashulia

## SKILLS

HTML	CSS	Tailwind CSS	Bootstrap	JavaScript	TypeScript	jQuery	Alpine.js	React.js	Next.js	Vue.js
PHP	Laravel	MySQL	MongoDB	Git	Docker	CI/CD	Digital Ocean	CPanel	Socket.IO	

## PROJECTS

### PHP Mini MVC Framework (By using some Laravel concepts)

🔗 <https://github.com/anwar7736/PHP-Mini-MVC-Framework>

PHP Mini MVC Framework

- Developed a **custom PHP mini MVC framework** inspired by **Laravel's architecture**, implementing core concepts of the **MVC design pattern**. Integrated essential components such as **models, views, controllers, routing, middleware, service container, helper functions**, and **Composer** for dependency management.
- Built a custom PHP mini MVC framework inspired by Laravel's architecture.
- Implemented MVC design patterns to ensure code scalability and maintainability.
- Integrated core components including models, views, controllers, routing, and middleware.
- Developed a service container for dependency management and reusable helper functions.
- Utilized Composer for autoloading and efficient package management.

## PROJECTS

### Laravel Simple Shopping Cart Package | Package Development

🔗 <https://github.com/anwar7736/laravel-simple-shopping-cart-package>

Implemented a **Laravel-based Add to Cart system** allowing users to add, update, and remove products with seamless session or database management.

- Developed a Laravel-based simple shopping cart package for seamless e-commerce integration.
- Implemented add, update, and remove cart item functionalities with session and database support.
- Designed cart management logic to handle product quantities, pricing, and discounts efficiently.
- Integrated helper methods and facades for easy package usage within Laravel applications.
- Ensured a modular, reusable, and extensible package architecture for developer-friendly customization.

### Ecommerce Website

🔗 <https://ecom.anwar.info.bd/>

Developed a **full-featured eCommerce website** using modern web technologies, including **HTML, CSS, Bootstrap, React.js, Laravel**, and **MySQL**. Implemented responsive UI design, dynamic product management, and seamless backend integration for a smooth shopping experience.

- Supports unlimited dynamic products, categories, and brands with flexible management.
- Implemented a fully functional Add to Cart system for smooth shopping experiences.
- Integrated Bkash payment gateway for secure and convenient online transactions.
- Developed a multi-language system to support localization and enhance user accessibility.
- Included a real-time clock feature for dynamic time display and improved user interaction.

### Canteen Management System (CMS)

🔗 <https://canteen.anwar.info.bd/login>

[https://canteen-admin.anwar.info.bd/admin\\_login](https://canteen-admin.anwar.info.bd/admin_login)

Developed a **Canteen Management System (CMS)** using **HTML, CSS, Bootstrap, React.js, Laravel**, and **MySQL**. Implemented features for **order management, menu tracking, and billing**, with a responsive and user-friendly interface for both staff and customers.

- Enabled free registration for users with easy onboarding.
- Allowed users to order unlimited meals with flexible management.
- Implemented automatic token generation for order tracking.
- Enabled meal collection via token for streamlined service.
- Integrated SSLCommerz payment gateway for secure online transactions.
- Automated monthly statements via email and SMS.
- Sent custom notifications through database, email, and SMS.
- Automatically inactivated users if dues are not cleared within the timeline.
- Managed day-wise meal items for menu flexibility.
- Implemented a meal undo/delete system for error correction and management.

### Food Delivery Website

🔗 <https://foodsea.vercel.app/>

Developed a **Food Delivery Website** using **HTML, Tailwind CSS, Next.js**, and **MongoDB**. Implemented responsive UI design, dynamic menu management, and real-time order processing for a seamless user experience.

- Enabled free registration for businesses and delivery partners.
- Allowed users to order food from any restaurant with ease.
- Provided business users the ability to add, modify, and remove food items.
- Allowed business users to manage orders, including adding, modifying, removing, and assigning delivery partners.
- Implemented automatic delivery partner assignment based on city.
- Enabled business users to track orders and update order status in real time.
- Allowed system users to view and print invoices for completed orders.

### Chat Application

🔗 <https://wechatting.vercel.app/auth>

Developed a **real-time chat application** using **Next.js, Tailwind CSS, Socket.io**, and **MongoDB**. Implemented instant messaging, responsive UI, and persistent chat history for seamless communication between users.

- Implemented a user authentication system with login and registration.
- Enabled real-time notifications for new users joining and user online/offline status.
- Supported real-time profile updates and notifications across users.
- Facilitated one-to-one communication, allowing anyone to chat with each other.
- Provided message management features, including remove and mark as unseen.
- Allowed users to create, modify, and delete groups with ease.
- Implemented real-time group notifications for actions like adding or removing members.
- Enabled group admin controls to manage members and permissions.
- Allowed users to leave groups independently.

## KEY ACHIEVEMENTS



### Competitive Programming (CP) | LeetCode

Solved some problems across multiple programming languages, including MySQL, PHP, JavaScript, and Java. This has strengthened my problem-solving, database querying, and algorithmic skills, while enhancing my ability to write efficient and optimized code across different technologies.