

Mahrous Tamim

Backend Developer

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Technical Skills

- **Programming Languages:** PHP, JavaScript
- **Frameworks:** Laravel
- **Databases:** MySQL
- **APIs:** REST, WebSocket
- **Version Control:** Git, GitHub
- **Security:** JWT, SSL, SQL Injection Prevention
- **Operating System:** Windows, Linux(ubuntu)

What I Can Do

- **Build and Maintain APIs:** Develop RESTful with authentication, role-based access control, and data validation.
- **Database Design and Optimization:** Design relational databases, optimize queries for performance, and ensure data consistency and security.
- **Implement Payment Gateways:** Integrate payment systems like Stripe to handle secure transactions for e-commerce and SaaS platforms.
- **Automate Processes:** Write scripts to automate routine backend processes like data backups, email notifications, and report generation.
- **Security Best Practices:** Implement security measures such as encryption, SSL/TLS certificates, and protection against common vulnerabilities like SQL Injection and XSS.
- **Caching for Performance:** Implement caching mechanisms (file driver) to improve application performance by reducing load times and server requests.
- **Email Handling:** Integrate and manage email services like Resend, ensuring delivery of transactional and automated emails.
- **Task Scheduling:** Use scheduling tools like Laravel Scheduler to automate routine tasks such as sending reminders, backups, and report generation.
- **Queue Management:** Implement and manage job queues (Database driver) to handle background jobs and improve performance and user experience.
- **Real-time Communication:** Build real-time features using Pusher for chat applications, notifications, and live updates.
- **Version Control:** Manage codebase using Git and GitHub for efficient collaboration and version tracking.
- **Third-party API Integration:** Integrate third-party services like email (Resend), payment gateways, and social media APIs into web applications.

Projects

E-commerce Platform

Developed a fully functional e-commerce platform with features like product and category management, order tracking, and user authentication. Integrated Stripe for secure payment processing and implemented a multi-language feature supporting English and Arabic. The platform includes a product rating and comment system, responsive design for mobile devices, and social media link management. Additional features include logs and reports for tracking user activity, and customizable website settings for name, description, and branding

Technologies: PHP, Laravel, MySQL

link: <https://github.com/mahroustamim/E-commerce>

Blog Platform

Developed a multilingual blog platform with a comprehensive admin and writer dashboard. The admin dashboard allows full content management, including adding, editing, and deleting posts, categories, and users, along with displaying key metrics and most visited categories. Site customization features include branding options and social media links. The writer dashboard offers content creation tools, post management, and account control. The blog itself features dynamic content display, including the latest and most popular posts, search functionality, and a comment system. Built with a responsive design, it ensures a seamless user experience across devices.

Technologies: PHP, Laravel, MySQL

link: <https://github.com/mahroustamim/blog>

Invoice System for Debt Collection Company

Developed a robust invoice management system designed for a debt collection company. The system allows users to easily add, edit, delete, and print invoices, as well as change payment statuses and export data to Excel. Users can manage products and sections, ensuring streamlined invoice creation and organization. The platform includes invoice attachments and sends automatic notifications and email alerts to all members upon the addition of a new invoice. Admins can manage user accounts, defining roles and permissions for effective user management. The reports page provides insights into invoice activity, while pagination is implemented across all tables for enhanced navigation.

Technologies: PHP, Laravel, MySQL

link: <https://github.com/mahroustamim/invoices>

Education

Damanhour University — Damanhour, Egypt

Bachelor of Arts in Archaeology (Expected Graduation: 2025)