


Ahmed Mohamed Zaki

BACKEND DEVELOPER (Laravel, NodeJS)

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OBJECTIVE

Backend developer with one year of experience in Laravel and Node.js. Skilled in efficient database design, performance optimization, handling WebSocket communication, and troubleshooting to ensure smooth and scalable backend operations. Strong communicator with a quick ability to learn new technologies.

WORK EXPERIENCE

Software Engineer (Backend Development) at HandleT October 2023 – Present

- Developing backend solutions for a versatile company, providing software solutions for various industries.
- Contributing to the creation of software solutions for clients.

EDUCATION

- Bachelor of **Computer and Information Sciences**, Ain Shams University.
- **Graduation year**: July 2023 || **Grade**: Very Good (GPA: 2.8) || **Specialization**: Information Systems.

Relevant Coursework: Structured Programming, OOP, Computer Architecture, Data Structures, Algorithms, Databases, Software Engineering, Data Mining, Data security, design pattern.

SKILLS

- **Programming Languages**: PHP, JavaScript, TypeScript, C++, C#, Python, Java.
- **Frameworks & Libraries**: Laravel (PHP), ExpressJS (JS), GraphQL, Socket.IO, WebSocket.
- **Database Systems**: MySQL, MongoDB, SQL Server, SQLite.
- **API Development & Tools**: API, JSON, MVC, GraphQL, Git, GitHub, Postman, Swagger.
- **Problem Solving & Algorithms**: Problem Solving, Algorithms, Data Structures, OOP.

REAL PROJECTS

- **Eshfaa [Medical]**: (4 projects) **(Laravel, MySQL, Socket.IO)**
 1. Eshfaa Patients - ([Google Play](#))
 2. Eshfaa Doctors - ([Google Play](#))
 3. Admin Panel
 4. Clinic Panel

Create RESTful APIs for an online consulting platform that enables patients to schedule appointments with doctors through chat, video, or voice calls. The platform also supports clinics and hospitals, allowing patients to make reservations for in-person visits. ([ReadMe](#))

Skills: Real-time chat using Socket, task scheduling for automated tasks, sending SMS through a 3rd party API, and push notifications using Firebase Cloud Messaging (FCM). Additionally, handled email sending and applied authorization mechanisms.

- **Black-Horse [E-commerce]:** [\(ExpressJS, MongoDB, Socket.IO\)](#)

Create RESTful APIs for 4 projects: customer, supplier, delivery, and admin. The supplier can add products, the customer can select them, and delivery can handle deliveries. The admin includes customer service chats and manages the system by tracking order statuses. [\(ReadMe\)](#)

Skills: Real-time communication for chat and order statuses using Socket.io, sending emails, push notifications through Firebase Cloud Messaging (FCM), automating tasks with cron, and sending SMS via a 3rd party API for phone number verification and password recovery.

- **Restaurant-Management:** [\(Laravel, MySQL\)](#)

Create RESTful APIs for a restaurant management system that includes features for menu administration, order processing, and viewing restaurant staff and customers. Additionally, include functionalities for managing expenses and inventory, including stock auditing and tracking. [\(ReadMe\)](#)

TRAINING PROJECTS

- **The-Blogging-Platform:** [Interview task] [\(GitHub\)](#)

Built with: Laravel API for creating and managing blogs, using MySQL for database management. The system allows users to create posts, add comments, and assign tags to each post. It also supports image uploads within both posts and comments.

- **Intelligent Learning for preschoolers:** [Graduation Project] [\(GitHub\)](#)

Built with: PHP native and MySQL. The system is designed for creating user accounts and tracking scores for each game. It also stores images returned from object detection and OCR models, allowing for effective data management and analysis.