

# HATEM MOHAMED ELSHEREF

SOFTWARE ENGINEER (FULL STACK WEB DEVELOPER)

## SUMMARY

Software Engineer and Full Stack Web Developer with 4+ years of experience, specializing in PHP, Laravel, and MySQL. Proficient in object-oriented programming (OOP), MVC, and HMVC architectures, and skilled in applying SOLID principles and design patterns to develop scalable and maintainable backend systems. Experienced in building dynamic web applications, integrating third-party APIs, and designing efficient database structures. Adept at delivering end-to-end solutions for diverse projects, ensuring high performance and robust functionality. Strong time management and problem-solving skills, able to prioritize tasks efficiently and overcome complex technical challenges.

## WORK EXPERIENCE

### Senior Full Stack Developer | 1/1/2025 - Present

ISNAAD Fulfilment

- Integrated multiple shipping carriers and sales channels, built apps for Zid and Salla, and maintained real-time order status synchronization.
- Designed adapter-based structures and clean architecture patterns to improve code quality, scalability, and system performance.
- Developed a lightweight Warehouse Management System (WMS), custom APIs for external or non-standard clients, and an Electron.js printing app for silent label printing.
- Managed integrations end-to-end, optimized server resources, handled security and performance issues, and provided technical support to clients and internal teams.

### Full Stack Developer | 1/5/2024 - 1/11/2024

ConvertedIn

- Integrated and optimized direct messaging channels (SMS, email, push notifications, and WhatsApp) for reliable customer communication.
- Improved data validation and segmentation processes, enhancing system performance and accuracy.
- Collaborated with clients to resolve integration issues, debug errors, and ensure system stability.

### Mid Software Engineer | 1/3/2024 - 1/6/2024

Marketing Home Group (MHG)

- Developed and maintained robust APIs to support the frontend team, ensuring seamless integration and efficient data exchange between backend services and user interfaces.
- Led full lifecycle management of products, including building stations and lighting stores.
- Migrated payment systems to Moyasar gateway and successfully integrated Apple Pay and Tamara, enhancing payment options and providing a seamless and secure transaction experience for users.
- Rebuilt project structure in Microsoft Azure, optimizing deployment processes, and enhanced Git branch management for staging and production environments.
- Resolved performance issues in database structure and optimized database queries.

### Software Engineer | 1/5/2023 - 30/12/2023

Qaf Quran (Remote Part Time)

- Troubleshooting technical issues within the production environment.
- Deployed the Beta version for testing features before going live.
- Add new features to the web platform and APIs for the mobile application.
- Enhanced application performance by rewriting SQL queries and implementing eager loading.
- Prepare the VPS server with necessary services such as a web server (Nginx) and a database server (MySQL). Implement multi-staging for beta and live environments using virtual hosts, and configure Cloudflare DNS.
- Installed Jitsi Meeting on the VPS server, enabling it to function as a standalone platform without relying on third-party services like Zoom.
- Utilizing GitHub Actions for automated deployment using FTP.
- Implement a reporting system to enhance the workflow of the organization.

## **Backend Developer | 7/12/2022 - 30/12/2023**

### **Creatify network**

- Develop Business API's for frontend and mobile teams.
- Support live applications by enhancing and adding features to the app.
- Manage third-party APIs such as Twilio, Vehicles, Google, and Facebook.
- Develop serverless functions on AWS Using node js.
- Integrate disparate systems and support data migration efforts while maintaining technical integrity and consistency.
- Troubleshoot technical issues within the production environment.
- Configure and deploy existing and future REST APIs, integrating with third-party APIs.

## **PHP Developer | 1/6/2021 - 6/10/2021**

### **Good News For Me (GN4ME)**

- Handle models, database structure and html files for projects.
- Integration with third parties.
- Building server side and client side using bootstrap, laravel and mysql.

## **Software Engineer Intern | 1/1/2019 - 1/4/2019**

### **Storky App**

- Building websites using wordpress
- Integration with google map api
- writing simple and small php scripts.

## **SIDE PROJECTS**

### **Tourize - Simple Accountant System**

- Developed a comprehensive system for Tourize to manage invoices, Umrah bookings, flights, visas (including electronic visas), hotel bookings, expenses, employee salaries, insights, and reports. The system streamlined accounting and financial tracking for the company.

### **Ticket System for Techsup**

- Created a ticketing system for Techsup to handle customer support for multiple subscribed companies. Integrated WhatsApp, API support, scheduled reports, and notifications (push, SMS, email). Customized ticket fields for each organization to cater to their specific needs.

### **Techsup Company Website**

- Designed and developed a portfolio website for Techsup, featuring a dynamic CMS dashboard to control and manage content. The site allowed for easy updates and content management.

### **No Limits - E-commerce Website**

- Built an e-commerce platform for No Limits, selling smart home products such as locks, sensors, and other IoT devices. Integrated a secure payment gateway for smooth transactions.

### **Yamal Alsham / Alabraj / Puzzly / Dyar**

- Purchased and customized the same script for multiple clients (Yamal Alsham, Alabraj, Puzzly, Dyar). Enhanced the features and deployed the sites for client-specific needs.

### **Girls Power Academy**

- Developed a website for the Kuwait Sports Academy for Girls to allow users to book and subscribe for travel and training programs. Integrated a gallery for activity images and included a payment gateway for easy bookings.

### **MPPure - Media Agency Website**

- Created a portfolio website for MPPure Media Agency to showcase works, activities, and videos. Included a dynamic dashboard for easy content management.

## Ajel Workflow - News Agency Dashboard

- Built a dashboard for Ajel News Agency to manage news articles and the editorial process. Features included role-based workflows for editors, publishers, reviewers, photographers, and graphic teams, along with article publishing and history logging.

## Akaraty - Real Estate Website

- Developed a simple real estate website for Akaraty, showcasing properties for sale, bookings, and inquiries. Integrated a simple user interface for easy property management.

## Coursaty - Online Course Platform (LMS)

- Created a platform similar to Udemy for online courses, featuring exams, quizzes, assignments, lessons (including documents and images), and a system to manage students and teachers.

## SKILLS

### Client Side

- HTML/CSS
- JS
- JQ
- Vue JS
- Gulp
- Sass
- AJAX / JSON
- Bootstrap

### Server Side

- PHP
- Laravel
- Node
- Express
- SQL
- SqLite
- Mysql
- Mongo
- RESTFul APIs
- Graph QL
- Web Socket/ Socket.io
- Redis

### Development & Operations & Tools

- **Testing & Automation**
  - PHPUnit, Postman
  - GitHub Actions, Docker
- **Version Control**
  - Git, Svn
- **DevOps & Cloud Services:**
  - Linux, Bash scripting
  - Cloudflare, Firebase
  - Aws S3, Ses, Sns, Lambda
- **Other Tools & Technologies**
  - YAML, Swagger
  - Docker Compose
  - Nginx, Apache
  - Rabbit MQ

## CONTACT

- **Phone:** +201090703457
- **Email:** hatem\_mohamed\_elsheref@yahoo.com
- **Address:** Cairo, Egypt
- **Portfolio:** [https://about.me/hatem\\_elsheref](https://about.me/hatem_elsheref)

## PERSONAL INFORMATION

- **Military Service:** Completed
- **Birth:** Tanta, Egypt 1/5/1999
- **Gender:** Male
- **Nationality:** Egypt

## ACADEMIC HISTORY

- **Menofia University | 07/2017-08/2021**  
Bachelor's degree in Computer Engineering
  - **GPA:** 3.3
  - **Overall Grade:** Very Good with Honors
  - **Graduation Project:** Excellent
- **Information Technology Institute (ITI) | 08/2020-10/2020**  
Summer Training
  - Completed 126 hours in Open Source Web Development

## CERTIFICATION

- **Open Source Web Development | 2020**  
Information Technology Institute
- **Reverse Engineering & Penetration Testing | 2018**  
Cyber Talent
- **Innovate Egypt & Intel | 2019**  
KFS University
- **Talent Graphic 2D | 2017**  
Talent Academy