

# Elsaed Elbarshly

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## EXPERIENCE

### AI Almiya Alhura

Backend Developer ([site](#))

Nov. 2024 – Present

Cairo, EG

- Contributed to a high-performing software house delivering scalable, modular software solutions for clients seeking custom applications and digital products.
- Implemented AI-driven agents and custom automation for code structure, monitoring, and issue resolution, reducing production time by **30%** and increasing deployment efficiency.
- Optimized backend architecture and DevOps processes, enabling systems to support **1M+ concurrent requests** with high availability and performance.
- Led development and integration of new service modules, contributing to a **25% increase in operational efficiency** and supporting company profitability growth.
- Collaborated in a strong team of **14+ engineers**, following best practices in coding standards, testing, and CI/CD pipelines to ensure reliable, maintainable software delivery.

### Pickappo

Backend Developer ([site](#))

Jan. 2024 – Sept. 2024

Saudi Arabia, Remote

- Developed** Pickappo's unified dashboard and open API, managing **100k+ daily orders** across **50+ delivery apps** and **300+ logistics companies**
- Enabled real-time tracking for **200k+ delivery captains**, reducing errors and speeding up order fulfillment for restaurants, e-commerce stores, and logistics partners
- Designed scalable integration tools allowing seamless onboarding of third-party apps and logistics providers, improving operational efficiency and partner satisfaction

### Technomasr For Web Solutions

Backend Developer ([site](#))

Mar. 2023 – Dec. 2023

Mansoura, EG

- Worked as a backend developer enhancing and refactoring complex web applications, including **CRM systems**, **e-commerce platforms**, and **e-grocery solutions**
- Implemented new features, optimized database queries, and improved system performance, enabling seamless operations and better user experience for clients
- Collaborated with cross-functional teams to deliver scalable, maintainable, and high-quality software solutions

## PROJECTS

### Mkhdom

- Built and scaled a multi-platform service marketplace serving **15,000+ users**, supporting real-time chat (Node.js + Redis), high-volume notifications, full auditing, and secure payments with automated webhooks (**50,000+ SAR** processed). After launch, led major refactoring that improved system performance by over **70%** through DB indexing, queue optimization, and code restructuring.

### ArkanSeifiya

- Developed and optimized **ArkanSeifiya**, a concert ticketing and events platform handling **5,000+ tickets per month** with real-time availability updates, high-volume notifications and emails (**10,000+ per month**) via Jobs & Queues, and integrated real-time chat. Built a full job portal supporting **100+ job listings** and CV submissions, implemented webhook automation for payments, and created a real-time admin dashboard with business intelligence and auditing. Led post-launch refactoring that improved system responsiveness by **60%** through caching, queue optimization, and database tuning.

### Doom-SA

- Developed **Doom-SA**, a B2B e-commerce platform designed to streamline vendor operations and product management. Features include an **EAV-based catalog** supporting product variants and real-time inventory tracking, real-time chat, business intelligence dashboards, and multi-gateway payment and shipping options (**DTO-based order management, utilizing the Strategy Pattern**). The platform also incorporates webhook automation, connection-pooled database access, and comprehensive system tracking for scalable, high-performance operations.

## Babylon Market

- Developed **Babylon Market**, a multi-platform B2B/B2C marketplace with client apps, website, supplier dashboards, and super-admin dashboards. Implemented a flexible **EAV-based catalog** with real-time inventory updates, high-volume notifications (scalable to **1M users**), and integrated chat. Vendors can subscribe, add products, sell, and purchase in bulk from suppliers with pricing lists. Added a loyalty system where purchases earn points convertible to vouchers, as well as coupon campaigns. Payments and shipping are handled through multiple gateways (**Strategy Pattern**) with webhook automation, while orders use **DTOs** and follow a **State Pattern** workflow. Connection-pooled database access and real-time dashboards enable scalable, high-performance operations across web and mobile platforms.

## EDUCATION

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### Mansoura University

Aug. 2018 – Aug. 2022

*Bachelor of Computer Science*

- **Coursework:** Data Structures and Algorithms, OOP, Programming Languages, Databases and Distributed Databases, Computer Systems

## Certificates

- Web Development using PHP, MySQL and Laravel NTI (Feb 2022)
- Web Design NTI (Sept 2021)

## SKILLS

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**Programming Languages:** PHP, JavaScript (ES6), Node.js, Java, C#

**Database Management:** MySQL, SQL Server, SQLite, MongoDB, Redis

**Web Development:** Laravel, RESTful APIs, Socket.io

**Version Control:** Git, GitHub, GitLab, GitHub Actions, GitLab CI/CD

**DevOps Tools:** Docker, CI/CD, Jenkins, SonarQube

**Software Design:** SOLID Principles, Object-Oriented Programming (OOP)

**Software Architecture:** Design Patterns, Architecture Patterns

**Computer Science Fundamentals:** Data Structures, Algorithms

**Authentication & Security:** JWT, OAuth

**Third-Party Integrations:** Payment gateways, Webhooks, APIs

**Soft Skills:** Teamwork and Collaboration, Creativity, Focus, Planning

**Languages:** English, Arabic