Ahmed Maher Elhussieny

Technical Lead | E-Commerce Platforms, ERP Integration, Cloud

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Summary

Technical lead with eleven years of building and running commerce systems end to end: the storefront, the apps and APIs on top of it, the ERP behind it, and the cloud servers underneath. I've delivered on Magento, WooCommerce, Shopify, OpenCart, Laravel, and custom PHP for retailers in electronics, luxury fragrance, and trading, and connected stores to SAP, Odoo, and Microsoft Dynamics so stock, orders, and customers stay in sync. I've built enterprise stores from scratch, fixed slow and unstable ones, and kept high-traffic platforms running through national sales campaigns. As a lead I choose the architecture, set the standards, run code review, and take the hardest production problems myself. What I do best is turn what the business needs into systems that hold up under real traffic.

Experience

Technical Lead

Apr 2022 - Present

Elaraby Group, Cairo, elarabygroup.com

Elaraby is one of Egypt's largest electronics and home appliance groups. The online store is a main sales channel with a large catalog, heavy campaign traffic, and stock and orders that have to match SAP at all times.

- Built the store from scratch on Magento 2: architecture, module structure, REST and GraphQL APIs, and a headless storefront.
- Designed and own the SAP integration that moves customers, orders, and stock between Magento and SAP in near real time.
- Lead the backend and frontend developers. I set the coding and review standards and handle the hardest production problems myself.
- Plan and run the AWS setup and the CI/CD pipeline, with most effort going into keeping the store up and fast during sales campaigns.
- Turn requests from marketing, product, and the ERP team into a release plan that engineering can deliver.

Lead Magento Developer

Apr 2021 - Mar 2022

Arabian Oud, international fragrance retailer

- Led development on the web store and the mobile apps' commerce backend across several countries.
- Delivered changes to the catalog, order processing, and customer features, and kept the store available during peak seasons.
- Reviewed the team's code and mentored newer developers on Magento conventions and performance.
- Cut page load times by fixing slow rendering and heavy scripts on the main storefront templates.

Full Stack Magento Developer

Apr 2018 - Apr 2021

Arabian Oud

- Built and maintained catalog, search, cart, checkout, and customer account features on Magento 1 and Magento 2.
- Integrated shipping carriers, regional payment gateways, and logistics providers.
- Applied security patches, fixed production bugs, and paid down technical debt in the codebase.

Full Stack Developer (Freelance) Aug 2015 - Mar 2018

Protechme

- Ran client projects end to end: scoping, architecture, development, deployment, and support.
- Built stores and sites on Magento, WordPress, and OpenCart, and led the delivery of companion iOS and Android apps.
- Built a confidential survey platform for a corporate legal department, including the access control and data storage design.

Consulting and Contract Work

Technical Lead (Contract) Mar 2021 - Feb 2026

Alzamil for Trading

- Technical owner of four production sites: a Magento multi-vendor marketplace, an OpenCart store, a WordPress site, and a custom PHP application.
- Designed and built the full integration between the OpenCart store and Microsoft Dynamics ERP, keeping products, stock, and orders in sync with the back office.
- Managed the roadmap, code standards, and performance work for all four sites, and fixed production failures at their root cause so they didn't come back.

Lead Technical Consultant Aug 2022 - Apr 2023

Tatayab

- Only technical owner for the website, the mobile apps, and the Odoo ERP integration.
- Designed the order, stock, and customer sync between the store and Odoo.
- Found and fixed performance bottlenecks, and reviewed code for the in-house developers.

Skills

Commerce: Magento 2 / Adobe Commerce, Magento 1, WooCommerce, Shopify, OpenCart, BigCommerce, WordPress

Backend: PHP, Laravel, CodeIgniter, Node.js, Next.js, REST, GraphQL

Integration: SAP ERP, Odoo, Microsoft Dynamics, Oracle, payment gateways, shipping carriers, OAuth sign-in

Data and search: MySQL / MariaDB, MongoDB, Oracle, Elasticsearch / OpenSearch, Redis

Infrastructure: AWS, Azure, Linux, Nginx, Varnish, PHP-FPM, Terraform, CI/CD, Git

Frontend: JavaScript, jQuery, AngularJS, HTML, CSS

Mobile (technical lead): app backends and APIs, iOS and Android delivery, Flutter, React Native

Practices: system design, performance tuning, security patching, code review, team leadership, Jira

Education

B.Sc. Information Technology, Egyptian E-Learning University 2012 - 2016

Languages

Arabic (native), English (fluent)