

Yousef Elgendy

Backend Software Engineer

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SUMMARY

Backend-weighted full-stack engineer with 4+ years across four client platforms on different foundations: ScandiPWA, Magento 2 with Hyvä, and Pimcore. On the current one, a retailer with 12 storefronts across 5 countries and 7 languages, I design domain modules from the data model to the public API, integrate ERP, payment, carrier and PIM systems, and own production incident response end to end. Also ship in Node.js, TypeScript and React.

PROFESSIONAL EXPERIENCE

Full-Stack Developer (Backend-Focused) — Scandiweb

Remote · 2022 – Present

- Design and ship domain modules end to end: data model, service layer, admin tooling and public GraphQL/REST API.
- Integrate third-party ERP, payment, carrier, PIM and recommendation services, with fallbacks that keep the site trading.
- Optimise schemas, queries and caching to take repeated computation off the request path and cut page response time.
- Own production incident response — root cause, fix and data repair — and present findings to clients and product managers.
- Write clean, documented, testable code and review peers' work against clean architecture principles.

PROJECTS

Sportland — Sports Retail E-commerce Platform

Backend Engineer

Baltic and CEE sports retail chain — 12 storefronts, 5 countries, 7 languages, online and in-store.

- Self-service returns:** replaced a fully manual staff process with a customer-facing returns product across 12 storefronts, with automated carrier labels and live tracking.
- Revenue protection:** diagnosed orders left uninvoiced after an ERP outage; shipped the fix and repaired affected orders.
- Performance:** moved price calculation off the request path and stopped content edits from flushing the entire site cache.
- In-store sales:** built ingestion for offline purchases, replacing sequential lookups with a single query under 100ms.
- New revenue streams:** launched instalment financing in 3 markets and a preorder flow.

Tech stack: PHP, Magento 2, MySQL, GraphQL, React, Redis, Akeneo PIM, Docker, New Relic

Internal Load Testing Platform

Node.js · Next.js

- Self-hosted platform letting a non-technical product manager run Grafana k6 load tests without writing a script; delivered run lifecycle, including recovery of runs orphaned by a server restart.
- Integrated the Anthropic Claude API for plain-English metric summaries and tool-use script generation.

Tech stack: Node.js, Fastify, TypeScript, Prisma, PostgreSQL, Next.js, React, Server-Sent Events, Playwright

Personal Ops Hub

Independent project

- Multi-user, self-hosted application capturing work from Telegram, the web and Claude Code over MCP, with queued background processing and scheduled per-user digests; Pest, PHPStan and Pint enforced in CI.

Tech stack: Laravel 13, PHP 8.3, MySQL, Redis, Horizon, Livewire 3, Sanctum, MCP

SKILLS

- Backend:** PHP · Magento 2 / Adobe Commerce · Laravel · Node.js · Python · MySQL · PostgreSQL · GraphQL · REST APIs
- Frontend:** React.js · TypeScript · Next.js · ScandiPWA · Hyvä · Tailwind CSS
- Other:** Data Structures & Algorithms · Redis · Docker · AWS · Akeneo PIM · New Relic · Grafana k6 · Git · Jira · Anthropic Claude API · MCP

EDUCATION & CERTIFICATIONS

B.Sc. in Computer Engineering — Tanta University

2017 – 2022

Certifications: Adobe Commerce Architect Master (AD0-E722) — exam passed, Dec 2024 · Hyvä Certified Associate Developer, Aug 2025 · Udacity Front-End Nanodegree · Manara Advanced DS&A