Amar Hazem

FULL-STACK SOFTWARE ENGINEER

Available for freelance

Paris, France
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Remote-friendly

Full-Stack Software Engineer with 8+ years shipping products in production — TypeScript/React and Python backends. I work close to product and design, ship in short loops, and care about UX, real user value, and code that holds up. I use AI tools (Cursor) day to day to move faster without cutting corners.

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WORK EXPERIENCE

Full-Stack Software Engineer — Egis
May 2023 – Jul 2026
Azure · Django · FastAPI · Kubernetes · PostgreSQL · Python · React · TypeScript

Digital Factory (joined early) — Act4Eco, Automation (BIM), Emersus, multi-product delivery; TypeScript/Python on Azure/K8s.

- Act4Eco (~10 months) — decision tool for project managers: intake, thematic questionnaires, scored reports with improvement guidance and go/no-go.
- Automation (~10 months, solo) — AutoCAD API pipelines to batch-process engineers' BIM files and free up their workstations.
- Emersus (~10 months, full team) — refactored app abstractions so carbon calculations could cover infrastructure, not only buildings.
- DIFA multi-project delivery (~9 months) — Strapi airport sites, Automation follow-ups, relocation-candidate audit app; prioritized capacity across concurrent products.
- Championed Cursor in the DIFA (demo), got it listed in Egis's enterprise app catalog, and drove adoption via the company portal.

Full-Stack Software Engineer — Alten @ Orange
May 2021 – Apr 2023
Angular · Docker · Elasticsearch · MySQL · PHP · Symfony

Search app for Orange product manuals — Symfony, Angular, Elasticsearch.

- Primarily front-end on a product-manuals search app in a 3-person team — upgraded Angular to the then-current major version.
- Refactored front-end/UX, improved Elasticsearch indexing, and delivered a PoC integrating Orange's GED.

Full-Stack Software Engineer — Contentsquare
Jun 2020 – Sep 2020
Angular · NestJS

Digital experience analytics — main user-insight dashboard.

- Contributed to the main user-insight dashboard in a multi-team Angular / NestJS product codebase.

Full-Stack Software Engineer — Akuo Energy
Feb 2018 – May 2019
Angular · AngularJS · Laravel · Nginx · PHP

Internal company portal (~450 employees) — progressive migration from AngularJS/PHP to Angular 4/Laravel.

- Initiated and mainly implemented the portal migration to Angular 4 + Laravel — Nginx routed finished paths to the new app while legacy AngularJS/PHP stayed in production.
- Integrated a workflow library for process-transformation leadership — tooling aimed at company-wide use (~450 employees).
- Introduced agile delivery in a 3-person team — boards, sprints, and a shared roadmap.

Full-Stack Software Engineer — Sopra Steria @ SNCF Gares & Connexions
Apr 2016 – Mar 2017
AngularJS · Express · MongoDB · Node.js

Next-gen passenger information system (EVA) — transport-plan module for station agents.

- De facto go-to on the transport-plan module for station agents (train info, delays, announcements) on a greenfield passenger information system (EVA, 50+ people).
- Built a custom virtual-scroll so the train list stayed usable under dense traffic (~1,600 trains/day at Saint-Lazare).

SKILLS

FRONTEND

- TypeScript
- React
- Next.js
- Angular
- Tailwind
- MUI
- Vitest
- Redux

BACKEND

- Node.js
- PostgreSQL
- MongoDB
- Python
- FastAPI
- PHP
- Symfony
- Laravel
- Redis

DEVOPS

- Docker
- GitLab CI
- Linux
- Nginx
- Kubernetes
- Cursor

EDUCATION

Master's in Management Information Systems — Paris-Saclay University, Évry 2013 – 2015

Exchange year in Computer Science during Master's — California State University, Chico 2012 – 2013

Bachelor's in Management Information Systems — Paris-Saclay University, Évry 2009 – 2012

ADDITIONAL TRAINING

Japanese language program — Linguage Japanese Language School 2019 – 2020

LANGUAGES

- **English** — Fluent (TOEIC 985)
- **Japanese** — Elementary (JLPT N4)
- **French** — Native

CERTIFICATIONS

- PSM II (Professional Scrum Master II)
- PSD I (Professional Scrum Developer I)