CURRICULUM VITAE

Younes *Noufair*

Lead Software Engineer · Full-Stack Developer

I build software that connects ideas to reality.



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Profile

Full-stack software engineer with 6+ years of experience building web applications, business platforms, APIs and enterprise solutions. As Lead Software Engineer at Maxmind.ma, I take projects from initial requirements and technical planning through development, deployment and ongoing improvement, including enterprise initiatives for Maersk – APM Terminals. I care about understanding the problem, making the right technical decisions and building software that lasts.

Experience

Maxmind.ma

Casablanca, Morocco · Jan 2021 – Present

Enterprise clients (through Maxmind): **Maersk – APM Terminals · Checkinfo · Forvis Mazars**

Lead Software Engineer — Jan 2024 – Present

- Lead web applications, business platforms and APIs end to end: requirements, technical planning, development, deployment (Docker, Linux, Apache) and continuous improvement.
- Translate business needs into technical solutions, coordinate implementation and contribute to architecture and technical decisions.
- Contribute to enterprise initiatives for Maersk – APM Terminals: operational reporting, KPI dashboards and data-driven interfaces (Next.js, tRPC, Dremio, PostgreSQL).
- Research and evaluate AI technologies (LangChain, Transformers) to improve the efficiency of the company's solutions.

Software Engineer — Jan 2021 – Dec 2023

- Built full-stack features with PHP (CodeIgniter, Symfony, Laravel) on the server and Vue.js / React on the front end.
- Developed high-performance, scalable APIs with Node.js (Fastify, Restify, Express).
- Designed databases and integrations (MySQL, PostgreSQL, MSSQL, MongoDB) and modernized existing applications for quality, security and performance.

Version Digitale

Jan 2020 – Mar 2020

PHP Developer

Core strengths

- Solution architecture
- Technical leadership
- Full-stack delivery
- System integration
- Performance optimization
- Applied AI

Technical skills

BACKEND
PHP · Symfony · Laravel · CodeIgniter · Node.js · Fastify · Express · Restify · Python

FRONTEND
JavaScript · TypeScript · React · Next.js · Vue.js · Tailwind CSS · HTML5 / CSS3 · jQuery

DATA
MySQL · PostgreSQL · MSSQL · Oracle · MongoDB · SQLite · Redis · Dremio · Cube.js

APIS
REST · tRPC · integrations

DEVOPS
Docker · Linux · Apache · Coolify · Git

AI
LangChain · Transformers

Interests

Basketball · Video games · AI and emerging technology · Building products

Selected *projects*

A selection of platforms I led as Lead Developer. Confidential details are left out.

Port terminal operations intelligence

01

Two platforms for a major shipping & port terminal operator · Lead Developer

Operations intelligence & reporting

- Reporting across four operational areas: Quay, Yard, Gate and CHE (equipment).
- Data from several terminal systems consolidated into one coherent data layer.
- Analytics, interactive dashboards and AI-assisted data exploration.

Real-time terminal monitoring

- Live monitoring with interactive visualizations and data-driven interfaces.
- API layer for operational data, built for high-frequency updates and large datasets.
- Keeps the operation observable, so signals surface before they become problems.

Real-time data visualization PWA

02

Progressive web app for decision-making · Lead Developer

- Responsive PWA with interactive, real-time data visualizations.
- RESTful APIs supporting the application.
- Optimized for large datasets and frequent updates.

Secure payroll distribution

03

HR platform for payslip distribution · Lead Developer

- Master payslip uploaded by HR/Admin, automatically split and distributed to each employee.
- Secure employee portal, payroll ticketing and automated email notifications.
- Strict access control, plus query and index optimization to cut processing time.

Financial offers & recommendations

04

Financial offerings platform · Lead Developer

- Modular platform to input, process and analyze offers with personalized recommendations.
- Real-time input validation, caching and indexing for high request volumes.
- Strong authentication and access control.

Business intelligence & tracking

05

Data-driven performance platform · Lead Developer

- BI interface with statistics on client data, contracts and performance metrics.
- Built-in ticketing to track issues and follow-ups.
- Optimized for reporting on large datasets.

Education

2019 – 2020
Professional Bachelor's in Web Development
Hassan II University (Aïn Chock), Casablanca

2017 – 2019
Specialized Technician Diploma (DTS) in Software Development
ISTA NTIC, Casablanca

2015
Scientific Baccalaureate, Physics & Chemistry
Ibn Haytham High School, Casablanca

Enterprise client experience

Separate client organisations, served through Maxmind.

MAERSK · APM TERMINALS Lifting Global Trade. · CHECKINFO · forvis mazars