

# Alexandre Amiel

## AI Integration · Full Stack Developer

AI Adoption · Workflow productivity · Change management

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## SUMMARY

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Full stack developer with **8+ years of experience** in delivery, architecture and application modernisation, now focusing on **embedding AI into product and engineering workflows**. My strong technical foundation lets me challenge tools, prototype fast and support real day-to-day adoption — without overselling the promise.

**Heavy daily user of AI assistants** (Claude, Cursor, GitHub Copilot, ChatGPT) for development, documentation, code review and automation of repetitive tasks. **Trainer** of international teams at ITER, students at ESGI and developers in mentorship — I translate technical topics into clear, business-oriented messages for non-expert audiences.

**Active personal tech watch and hands-on prototyping** on AI agents, n8n, LangChain, RAG and Claude Skills — to stay aligned with the state of the art and validate concrete use-cases before recommending them. **Bilingual French/English**, comfortable engaging from engineer to executive sponsor.

## SKILLS

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**AI tools (daily use)** : Claude · Claude Code · Cursor · GitHub Copilot · OpenAI (ChatGPT, API) · NotebookLM — intensive professional use (dev, doc, code review, automation)

**Watch & prototyping** : n8n · LangChain · RAG · agentic workflows · Claude Skills · MCP · AI automation — continuous personal experimentation on concrete use-cases

**Adoption & change** : Training, mentoring, awareness workshops, vulgarisation, support of international teams, product communication, stakeholder management

**Full Stack & Cloud** : Angular, React, NestJS, .NET 8, Spring Boot, TypeScript, PostgreSQL, Docker, GCP, Azure

## PROFESSIONAL EXPERIENCE

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### Front-End Lead / Full Stack Developer — ITER Organization

2024 — 2025 · 1 yr 4 mo · Cadarache · France

*Modernisation of the ICP platform (Iter Component Platform) — internal project, complex generic framework, international teams.*

- Front-end lead and full stack contributor on the migration of legacy **ICP3 to ICP v4** (.NET 8 + Angular); refactored the code generator to produce the client from the backend (OpenAPI Generator equivalent).
- **Adopted Cursor and Claude** in my daily workflows (dev, documentation, code review) and **shared practices** with the team to accelerate delivery.
- Set up an **E2E Playwright test pipeline** and improved build scripts (bundle hashing).

- Refactoring: RxJS and Reactive Forms implementation; delivered features on proprietary framework and fixed blocking bugs for operational teams.
- **Trained international teams** on front-end, back-end and AI assistants usage in dev environments; daily pair programming and code review.

**Technologies:** Cursor, Claude, .NET 8, Angular, RxJS, Playwright

### Full Stack Engineer — THOT Computed

2025 · 2 mo · Avignon · France

*Mosily — accounting and business management advisory app for liberal professions.*

- Modernised the web application: migration to **React** and backend to **TypeScript**.
- Integrated the **Linxo API** for automated banking transaction retrieval.
- **Cursor IDE** used continuously to accelerate migration and refactoring.

**Technologies:** Cursor, React, TypeScript, PostgreSQL, Linxo API

### Instructor — TypeScript & Modern Stack — ESGI

2025 · 2 mo · Aix-en-Provence · France

*ESGI engineering school — 2nd year students.*

- Designed and delivered a 2-week training program: **TypeScript, Angular, NestJS, PostgreSQL** — from fundamentals to production deployment.
- Trained students in **responsible use of AI assistants** within a professional development workflow.

**Technologies:** Angular, NestJS, TypeScript, PostgreSQL

### Founder — Development & AI Consulting — Saaselyx

2024 — 2025 · 7 mo · Marseille · France

*Independent activity focused on application development and supporting teams in AI tool adoption.*

- Designed and delivered custom business applications (Angular, .NET, Spring Boot, NestJS) — architecture, API, database, auth.
- **Supported developers** in adopting AI tools (Cursor, Claude, Copilot): mentoring, workshops, skill-up.
- Structured a **SaaS + AI integration** service offering; multi-cloud deployment (Docker, GCP, Vercel, Railway).

**Technologies:** Cursor, Claude, Angular, NestJS, .NET, GCP

### Solo Game Developer — Indie Island Studio Games

2022 — 2024 · 1 yr 9 mo · Marseille · France

*Independent studio — 3 games designed, developed and published solo.*

- **Rastignac Wastelands** — procedural-world extraction shooter, published on **Steam**.
- **ZoRBIT** — mobile arcade bullet-hell, published on **Google Play Store**.
- **Stone Tribes** — open-world multiplayer RPG (advanced prototype).
- Architecture of complex systems (gameplay AI, procedural generation, asset pipelines); end-to-end project management: dev, optimisation, distribution, marketing.

**Technologies:** Unity, C#, .NET, Docker, Kubernetes, GCP

### Angular Instructor — Veolia (SOMEI · Univlearn)

2022 · 2 mo · Marseille · France

*1-week internal training program.*

- Delivered an Angular training program: TypeScript basics, rights management, backend integration, **JWT authentication**.

### Front-End Lead Developer — RICHARDSON

2022 · 9 mo · Marseille · France

- Developed features on Angular 13 + .NET in a legacy environment (Entity Framework, Elasticsearch, SQL Server).
- Designed and delivered the **logistics fullstack module**: database, legacy sync, backend migrations, frontend integration.

- E2E Playwright tests, pair programming and code review.

**Technologies:** Angular 13, .NET, Elasticsearch, SQL Server, Playwright

## Full Stack Developer .NET / Angular — Caisse d'Épargne CEPAC

2021 — 2022 · 6 mo · Aix-en-Provence · France

- Modernised an **AngularJS** → **Angular 11** application in banking environment (security, confidentiality, compliance).
- .NET stack, SQL Server, Azure deployment.

**Technologies:** Angular 11, .NET, Azure, SQL Server

## Game Development Instructor — GENIMAGE School 2020 — 2021 · 9 mo · Marseille · France

- Game development training: **Unity, Unreal Engine, OpenGL** — gameplay & graphics programming.

## Full-Stack Developer Angular / Spring Boot — Atos · Defence

2019 — 2020 · 1 yr 4 mo · Aix-en-Provence · France

- Developed an Angular 9 + Java Spring Boot application in the defence sector (V-model, client-defined specs).
- **D3.js data-visualisation**, Elasticsearch indexing, Kafka messaging, Docker containerisation, Keycloak SSO.

**Technologies:** Angular 9, Spring Boot, GraphQL, D3.js, Kafka, Keycloak

## Software Engineer — Crocos Go Digital 2018 — 2019 · 11 mo · Marseille · France

- Consulting and development of event-management applications; programming and electronics learning modules (Python, Symfony).

## Software Engineer — STEAM BEAM BIG DATA 2018 · 9 mo

- Fullstack rebuild of a B2B platform for service-provider connection via **video stream**.

## Software Engineer — thecamp 2017 — 2018 · 8 mo · Aix-en-Provence · France

- Node.js IoT application — ESP32 data collection on autonomous drones for **air quality monitoring**.

## Visiting Artist-Researcher — School of the Art Institute of Chicago

2015 — 2016 · 6 mo · Chicago · USA

- Research project in collaboration with the **Art & Technology Department**: interactive video game developed in Unity with C#.

## EDUCATION

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**ESAAix — School of Fine Arts of Aix-en-Provence** 2012 — 2017

*DNSEP — National Higher Diploma in Visual Arts (Master's equivalent)*

**School of the Art Institute of Chicago** 2015 — 2016

*International exchange — Art & Technology*

## LANGUAGES

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**French** — Native

**English** — Professional working proficiency — C1

## CERTIFICATIONS

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C# · C# and .NET · Angular