

# Software Engineer – Full-Stack

André Domingues Ramos, 22 years old

+33 6 16 73 56 84 — [dominguesramosandre@outlook.fr](mailto:dominguesramosandre@outlook.fr) — [linkedin/andre-domingues-ramos](https://linkedin.com/in/andre-domingues-ramos) — [github.com/ADG08](https://github.com/ADG08)

**Greater Paris, France** · Available from November 2026 · Open to international relocation

Back-end focused fullstack developer with over 2 years of professional experience in France. I approach development with a strong design mindset — system architecture, database modeling and API contracts. Curious and versatile, I adapt quickly to new technical environments and bring calm and rigor to the teams I work with.

## Technical Skills

<b>Practices</b>	DDD, Hexagonal Architecture, SOLID, Design Patterns (State, Factory, Strategy, Repository), Event-Driven, REST APIs
<b>Languages</b>	C#, TypeScript/JavaScript, Java, Go, C++, PHP
<b>Back-end</b>	.NET (6/8), Spring Boot, AdonisJS, Fastify, Express, SignalR, WebSocket (STOMP), Power Apps, Power Automate
<b>Front-end</b>	React, Next.js, Vue.js, Angular, Blazor, Razor, Inertia, Tailwind CSS, HTML/CSS
<b>Databases</b>	PostgreSQL, MySQL, SQL Server, MongoDB, Redis, Dataverse
<b>Testing &amp; Quality</b>	JUnit, Mockito, Testcontainers, Jacoco, SonarQube, unit and integration testing
<b>DevOps &amp; Tooling</b>	Docker, Git, GitHub Actions, Azure DevOps, Maven, Flyway, Prometheus, Grafana, Coolify
<b>Project Management</b>	Kanban, SCRUM, Agile methodologies, Jira, Conventional Commits
<b>Spoken Languages</b>	French (Native), Portuguese (Native), English (B2 — TOEIC 790/990), Spanish (B1)

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## Work Experience

**Power Platform Developer — Apprenticeship** October 2024 – October 2026  
Fédération Agirc-Arrco — Supplementary pension fund (57M members) — Paris, France

- Lead developer on CADO, a mission-critical approval workflow used up to the CEO level — refactoring, Dataverse optimization, new features.
- Designed standalone Power Apps tools (equipment booking, DSN tracking) connecting Power Apps, Power Automate, Dataverse and SharePoint.
- Introduced engineering best practices: naming conventions, CI/CD pipelines, Dataverse table refactoring.

**Fullstack Developer Intern — C# / .NET** March 2024 – June 2024  
MERLYTECH — Digital transformation consulting — Chevilly-Larue, France

- **Bagage du Monde** (ASP.NET, ZPL, Zebra) — ZPL printing service for industrial luggage labels and internal user management system with role-based access.
- **Jewelry e-commerce website** (nopCommerce, ASP.NET, JavaScript) — Redesigned login, cart and checkout pages within a complex nopCommerce codebase.

## Fullstack Developer Intern — C# / .NET

April 2023 – July 2023

MERLYTECH — Digital transformation consulting — Chevilly-Larue, France

- **Larestia** (ASP.NET, Factur-X, REST APIs) — Automated Factur-X PDF generation, third-party API integrations and drag-and-drop CAF import module.
- **HERMÈS** (ASP.NET, SQL Server) — Internal platform for scheduling and tracking newsletter campaigns with delivery metrics monitoring.
- **Innovation** (Unity, HoloLens 2, REST API) — AR application on Microsoft HoloLens 2 controlling connected lights through an API.

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## Education

### Master's Degree in Computer Science Engineering

2024 – 2026

ESGI (École Supérieure de Génie Informatique) — Paris, France

Major: Web Engineering. Work-study program over 2 years.

### Bachelor's Degree in Computer Science (BUT)

2021 – 2024

IUT de Paris – Rives de Seine — Paris, France

Track A: Application development — Design, development, validation.

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## Projects

### Syllabomb, a BombParty clone — Personal project

In progress

Source: [github.com/ADG08/syllabomb](https://github.com/ADG08/syllabomb)

Real-time multiplayer game built with Java 17, Spring Boot, Angular and PostgreSQL. Hexagonal architecture, State Pattern, WebSocket (STOMP), GitHub Actions CI/CD, SonarQube, Prometheus/Grafana.

### AVENIR, an online banking platform — Academic project (Master's)

2024

Source: [github.com/ADG08/AVENIR](https://github.com/ADG08/AVENIR) · Demo: [avenir.andre.dr.tech](https://avenir.andre.dr.tech)

Banking application in TypeScript (Fastify, Express) with PostgreSQL and MySQL, fully containerized with Docker. Strict hexagonal architecture (ports & adapters), DDD domain model.