

Full Stack Developer

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Ecully, Auvergne-Rhône-Alpes, France

Certified Application Designer-Developer, trained through an apprenticeship program, with hands-on experience in designing, developing, and maintaining web applications. My self-taught background, complemented by structured and professional training, has allowed me to build solid skills, deepen them, and apply them in professional environments, notably with React.

Technical Skills

Languages	TypeScript / JavaScript
Frontend	React, Next, state management (Zustand), TanStack (Query, Start, Router, Table), design systems (Styled Components, Tailwind), accessibility
Backend	Backend as a Service (Firebase), PostgreSQL, MongoDB, NestJS
Tools	Docker, testing tools (Bruno, Postman, Jest), Git, Figma, Claude
Project Management	Kanban, SCRUM, Agile methodologies
Languages	French (native), English (C1)

Experience

Full Stack Developer	November 2025 – Present
Likewatt — Software Publisher — Villeurbanne	

- React, Tailwind, TanStack, Zustand, NestJS, MongoDB, Docker
- Migration of the legacy application (React class components) to React 18 + TanStack Router/Query - load times reduced by half
- Development of new features for the software
- Software maintenance
- UI mockup design and design integration

Apprentice Full Stack Developer	September 2024 – November 2025
Likewatt — Software Publisher — Villeurbanne	

- React, Styled Components, NestJS, Docker, Firebase
- Progressive onboarding into the existing codebase and understanding of the software architecture
- Deepened React and Styled Components skills through improving existing features and developing new ones
- Participation in team rituals (meetings, technical syncs) and contribution to task organisation and tracking
- First hands-on experience with NestJS and the backend ecosystem in a professional environment
- Introduction to best practices, code refactoring and improvement of existing code, code reviews

Education

Application Designer-Developer

September 2024 – November 2025

RNCP Title (Level 6) – Application Designer-Developer
Wild Code School — Apprenticeship

Focus: Design and development of secure applications, from requirements analysis to production deployment: layered architecture, databases, front/back development, testing, and DevOps practices. Skills validated by the Application Designer-Developer certificate.

Web Integrator

July 2023 – April 2024

RNCP Title (Level 5) – Web Developer Integrator
OpenClassrooms — Online

Focus: Building responsive web interfaces, integrating mockups and communicating with the backend, with an emphasis on performance, maintainability, and project organisation.

Projects

Nuit d'Encre — Personal project

Ongoing

Repository: github.com/AlexDDDevv/Nuit-d-Encre
Demo: [Project's demo](#)

Full-stack design and development of a social online library platform (reading tracking, reviews, recommendations, gamification and activity feed). Monorepo architecture (pnpm workspaces), deployed with Docker Compose (3 isolated services: frontend, backend, PostgreSQL 15) and GitHub Actions CI (lint, typecheck, Jest and Vitest test suites).

Frontend: React 19 + TypeScript (Vite), React Router v7 (lazy loading, role-based guards), Apollo Client (normalised cache), React Hook Form, Tailwind CSS 4 + Radix UI (in-house design system, accessibility and loading skeletons).

Backend: Apollo Server 4, TypeGraphQL, TypeORM + PostgreSQL 15 (versioned migrations, UUID primary keys). JWT authentication in an HTTP-only cookie (Argon2) and Google OAuth, user/admin role management, two-layer validation (frontend + class-validator), rate limiting and DataLoader (N+1 query resolution).

Key features:

- Hybrid book search (internal database + Google Books API + Open Library) with import and progressive enrichment of book records
- Gamification system: XP per action, level computation, unlockable titles and badges, full action history
- Social layer: follows between readers, activity feed, reviews (one per user/book, XP bonus), votes, comments and recommendations
- Public profiles and admin back-office (users, books, authors, categories, reviews, banners) with an analytics dashboard
- Image uploads (covers, avatars, banners) via Cloudinary