

Hadrien Pinoteau

Full-Stack Software Engineer | Web3 Developer

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EDUCATION

CESI Graduate School of Engineering

Engineering Diploma in Computer Science, AI & Cybersecurity

Aix-en-Provence, France

2019 – 2024

Université Laval

Academic Exchange in Software Engineering

Québec City, Canada

2023

EXPERIENCE

Freelance | Web3 Developer

Jan. 2023 – Present

Remote

- Built DeFi, DEX, and GameFi frontends with wallet connection, signing, swaps, and staking flows, integrating EVM smart contracts with ethers.js, wagmi, and web3.js.
- Integrated Solana programs with solana/web3.js and Anchor client workflows, shipping Next.js and React TypeScript apps on Vercel, including ongoing work on TNTX.ai.

ALPHA10X | Full Stack Developer (Internship)

Feb. 2024 – Jul. 2024

Aix-en-Provence, France

- Delivered an Angular insights workspace with reusable components for SWOT, deeper insights, and market signals, improving navigation, readability, and overall UX.
- Shipped Dealspace features and added NestJS environment validation, working in Agile Scrum with Azure DevOps for sprint planning, repositories, and bug tracking.

UnixData | Full Stack Developer (Internship)

Sep. 2022 – Dec. 2022

Barcelona, Spain

- Extended MySQL schema with Flyway and implemented Spring Boot updates across entities, DTOs, repositories, and REST endpoints.
- Refactored React TypeScript forms and supported Docker and Kubernetes delivery with responsive UI improvements and stronger release reliability.

Hôpital Saint Joseph | Full Stack Intern

Apr. 2021 – Jul. 2021, Jan. 2022 – Mar. 2022

Marseille, France

- Built and maintained internal hospital web tools with clinicians and IT teams, delivering fixes, small features, and release support across multiple services.
- Automated server maintenance with PowerShell and maintained PHP/MySQL applications, improving reliability and reducing manual operational work.

PROJECTS

TNTX.ai | *Next.js, NestJS, TypeScript, Web3, Multichain*

- Developed full-stack product features across Next.js and NestJS, pairing backend logic with polished UI implementation to deliver smooth, high-quality user experiences.
- Built games for the platform and contributed to multichain Web3 functionality, including onchain-related features, within a production TypeScript application.

Medical Expert Copilot | *Next.js, NestJS, TypeScript, TypeORM, JWT, WebSockets*

- Built a modular platform for medical experts with authentication, case management, patient sheets, report workflows, and AI-assisted generation features for structured professional use.
- Designed backend architecture with DTO validation, entity and repository patterns, email and token flows, and real-time progress updates for long-running AI tasks.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, SQL, HTML/CSS

Frameworks: Next.js, React, NestJS, Angular, Node.js, Spring Boot

Developer Tools: Git, Docker, Azure DevOps, CI/CD, Kubernetes, Vercel, Swagger/OpenAPI

Libraries: ethers.js, wagmi, web3.js, solana/web3.js, Anchor, Zustand, React Hook Form, Zod