

Thomas Berrod

Senior Fullstack AI & Blockchain Developer

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Profile


Hello, I'm a French senior fullstack developer specialized in AI & blockchain, with over 20 years of experience in designing, developing, and deploying innovative applications. Expert in modern web technologies, cloud architectures, and AI model integration. Proven track record in technical leadership, agile team management, and driving digital innovation.


Core Skills


 **Frontend:** React.js, Next.js, TypeScript, TailwindCSS, Material-UI, shadcn/ui, Radix UI, React Native, XState, i18n

 **Backend:** Node.js, .NET, Express.js, GraphQL, REST APIs, Firebase, MongoDB, PostgreSQL, SQL Server

 **Blockchain:** Ethereum (Solidity), Hardhat, Web3.js, Ethers.js, Wagmi, Viem

 **AI / Data:** Python, TensorFlow, PyTorch, Unity (Simulation), MLOps, InfluxDB, Grafana

 **Cloud & DevOps:** AWS, Docker, Kubernetes, GitHub Actions, CI/CD

 **Tools & Design:** Jira, Figma, Lerna, Agile/Scrum, Playwright

Professional Experience

Fullstack developer & founder – Auray, France

Jun 2024 – now

- **Lidoguard:** Lido wallet recovery platform
- **Stimio.fr:** Time series analysis of railway pedal data for predictive maintenance and fault detection.
- **WorkspaceToken:** Developed a decentralized app for real estate tokenization on blockchain, enabling fractional ownership via ERC20 tokens and EURC-based transactions.
- **StarWarsBee:** Designed lidar-guided laser system for eliminating invasive Asian hornets.

Frontend Developer – Dalma, Paris & Auray (France)

Mar 2022 – Jun 2024

- Led frontend development (web & mobile) and redesigned critical user flows (subscription, onboarding).
- Built a cross-device mobile app from scratch with React Native.
- Managed offshore testing team and led the frontend dev team in Scrum.
- Tech stack: React.js, Typescript, Next.js, Tailwind, Material-UI, shadcn, Radix, XState, Github Actions, AWS CI/CD.

Fullstack Developer & Architect – BMD, Paris & Auray

Nov 2019 – Jan 2022

- Developed PWA applications with React.js, Next.js, GraphQL.
- Designed & deployed a **sailing physics simulator in Unity** (C#, Python, MongoDB, Docker, Grafana).
- Improved fullstack architecture with Firebase, Material-UI, Saga.

Deputy for Digital & Innovation – City of Auray

Jun 2020 – Aug 2021

- Supported the city's digital transformation and innovation projects.

Fullstack PWA Developer & Scrum Master – e-declic, Brittany

Aug 2018 – Nov 2019

- Developed PWAs (React.js, Next.js, Docker, Symfony) and acted as Scrum Master.

Fullstack Developer & Winemaker Solution Architect – Plugwine.com, Paris

Oct 2012 – Sep 2016

- Built & maintained wine e-commerce platform (ASP.NET MVC, REST APIs, Bootstrap, jQuery).
- Implemented SaaS solutions for wine distribution.

.NET Consultant – Avanade, Parisss

2007 – 2009

- Developed ASP.NET custom applications and collaborative solutions (MOSS 2007).

Entrepreneur – BWine, Paris

2009 – 2012

- Created mobile software for the wine industry (C#, Xamarin, OpenCV, Azure SOA).

(Additional earlier experiences available in the extended version)

Education

- **Professional AI Certification RNCP38616BC03 & RNCP38616BC05** – Alyra
- **Professional Blockchain Certification RS6515** – Alyra, Blockchain & AI School (2024–2025)
- **Master's in Computer Science** – EPITECH (2001–2006)
- **Bachelor in viticultulre-oenology** – Tours-Fondettes (1999–2001)

