

Thomas Berrod – 44yo – married – 2 children

Senior Fullstack AI & Blockchain Developer

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Profile

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, Radix, React Native, XState, i18n
- **Backend:** Node.js, .NET, REST APIs, Firebase, MongoDB, Postgres, SQLServer
- **Blockchain:** Ethereum Solidity, Hardhat, web3.js, ether.js, wagmi, viem
- **AI / Data:** Python, TensorFlow, PyTorch, Unity, MLOps, InfluxDB, Grafana
- **Cloud & DevOps:** AWS, Docker, Kubernetes, Github Actions, CI/CD
- **Tools & Design:** Figma, Lerna, Agile/Scrum, Software Architecture, Playwright

Professional Experience

Fullstack Vibe coding – Context Engineer – Auray, France

Jun 2024 – Sep 2024

- **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.
- **Side projects** : **StarWarsBee**, **TrickTrack**, **MatePlanner**

Frontend Developer – Dalma, 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.

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.

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, Paris

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).
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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 Viticulture-Oenology** – Tours-Fondettes (1999–2001)