

André Defrémont

Senior Software Engineer

French & Brazilian Citizen (EU) — no visa or sponsorship required · Open to relocation (French Guiana / EU) & remote worldwide

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Professional Summary

Senior Software Engineer with 13+ years building and shipping full-stack web applications and distributed systems (React.js, Vue.js, Node.js, MERN, AWS, Kubernetes). Proven record delivering national-scale blockchain infrastructure and production PWAs end-to-end — from architecture and smart contracts to Kubernetes deployment and long-term reliability. Ships fast without cutting corners by pairing strong engineering fundamentals with AI-augmented development workflows. Comfortable owning projects across Agile teams and CI/CD pipelines. French & Brazilian (EU) citizen, fluent English (B2+), actively studying toward French B2 — available for relocation and fully remote work.

Core Competencies

Languages	TypeScript, JavaScript, Python, Go, Solidity, Java, C#, PHP, Kotlin
Frontend	React.js, Vue.js, Next.js, Nest.js, Angular, Ionic
Backend	Node.js, Express.js, FastAPI, Java Spring Boot
Cloud & DevOps	AWS, Kubernetes, Docker, Helm, CI/CD, GitLab CI
Databases	MongoDB, PostgreSQL, CouchDB
Blockchain	Hyperledger Fabric, Ethereum, Smart Contracts, Besu, Bevel
Methodologies	Agile, Scrum, Kanban, TDD, SOLID, Clean Architecture
APIs	OpenAI, Anthropic Claude, Google Gemini, REST, GraphQL

Professional Experience

Founder & Senior Full-Stack Engineer | 2025 — Present

Dcoder — Independent Software Studio · Belém, PA, Brazil (Remote)

- Design, build and maintain full-stack web apps, business systems and internal tools for a recurring portfolio of business clients (construction, property management, marketplaces, retail) — most return month over month for new work.
- Built and maintain Enge10's three systems — Finance, occupational health & safety, and time tracking. The Finance system (app.enge10.online) is the most used system in the portfolio, running daily.
- Delivered a boat-rental marketplace (Canoe), a task/orders module (MisterTask), a condominium concierge assistant (Concierge) and WordPress sites — full lifecycle from spec to deployment and ongoing support.
- Ship 30-50% faster with consistent quality by integrating AI coding tools (Claude, GPT, Gemini) into the workflow, keeping clients fully transparent through shared Trello boards.

Stack: Node.js, TypeScript, Python, PostgreSQL, MongoDB, React.js, Next.js, Vue.js, Docker, LLM APIs (Claude/GPT/Gemini), n8n, WordPress

Chief Information Officer & Full-Stack Engineer | Mar 2020 — Present

Amachains · Belém, PA, Brazil

- Architected and built production-ready PWAs from scratch using Vue.js, React.js, and the MERN stack, delivering seamless user experiences and reliable performance.
- Developed smart contracts on Ethereum and Hyperledger Fabric for carbon credit management and sustainability projects.
- Led the development of a Web3 platform enabling transparent carbon credit lifecycle management — from emissions tracking to carbon offsetting through verifiable digital records.
- Managed cloud infrastructure deployments on AWS and Kubernetes, integrating web and blockchain technologies.
- Own technical direction as CIO — architecture decisions, roadmap, and coordinating delivery across a small engineering team and external stakeholders.

Stack: Node.js, React.js, Vue.js, MongoDB, Hyperledger, Ethereum, Solidity, AWS, Kubernetes, Go, Python, Docker

Blockchain Software Engineer | Apr 2024 — Feb 2026

RNP — National Research and Education Network · Brasília, DF, Brazil

- Build and maintain Hyperledger-based blockchain networks supporting national-scale research, education, and Web3 innovation across Brazil.
- Design scalable and secure distributed ledger solutions using Fabric, Besu, Bevel, and Ethereum, deployed on Kubernetes with Helm charts.

- Provide robust blockchain infrastructure for academic and research institutions nationwide.

Stack: Hyperledger Fabric, Besu, Bevel, Ethereum, Solidity, Go, Kubernetes, Helm, Web3

Full-Stack Software Engineer | Jul 2019 — Mar 2020

Equilibrium Web · Belém, PA, Brazil

- Developed scalable, user-centric digital solutions tailored to diverse business requirements.
- Enhanced AngularJS applications and optimized a Java legacy system, improving reliability and performance.

Stack: Node.js, AngularJS, Java

Full-Stack Software Engineer | Apr 2018 — Jul 2019

XIFIX Tecnologia · Belém, PA, Brazil

- Enhanced and maintained React.js and Node.js web applications powering content management and marketing platforms.
- Maintained C# systems and PHP websites, ensuring robustness aligned with evolving business needs.

Stack: React.js, Node.js, C#, PHP

Web Software Engineer | Jan 2017 — Jan 2018

Universidade Federal do Pará (UFPA) · Belém, PA, Brazil

- Developed and maintained Joomla-based websites supporting academic programs and community engagement.

Stack: CSS, HTML, JavaScript, Joomla, PostgreSQL

Software Engineer | Jun 2012 — Jul 2016

XIFIX Tecnologia · Belém, PA, Brazil

- Comprehensive technical support with progressive transition to active software development in React.js, Node.js, C#, and PHP.
- Contributed to application improvements and feature development, building a strong foundation in full-stack engineering.

Stack: Node.js, React.js, C#, PHP

Education

M.Sc. in Computer Science | 2021 — 2023

Universidade Federal do Pará (UFPA)

Computer Systems Networking & Telecommunications · Focus: Blockchain & Sustainability

B.Sc. in Information Systems | 2013 — 2017

Universidade Federal do Pará (UFPA)

Computer Systems Networking & Telecommunications · Thesis on Blockchain Technology

Languages

Portuguese — Native

English — Professional Working Proficiency (B2+)

French — A2, actively studying toward B2 (DELFI target 2027) · EU citizen

Spanish — Elementary Proficiency

Selected Projects

Enge10 — finance, health & safety and time-tracking system in daily use · ORDE — carbon-footprint traceability platform · Canoe — boat-rental marketplace · Rede Capanema — multi-vendor local marketplace · MisterTask — orders & task management module · Concierge — AI concierge for condominiums · ChatMood — real-time AI chat sentiment analysis (Twitch)

90+ repositories · 2,800+ commits · 380K+ lines of code · Full portfolio at dcodeur.io