

Weber Dubois

Senior Full-Stack , Blockchain & Platform Engineer

Douala, Cameroon | Remote — Global

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Professional Summary

Senior Full-Stack Engineer with 5+ years of experience architecting and delivering high-scale, revenue-critical platforms end-to-end. Proven track record leading systems serving 10,000+ active users and processing \$500K+ in monthly transaction volume, with sub-100ms latency and 99.9% uptime. Deep expertise across React/TypeScript frontends, Node.js and Python backends, cloud infrastructure, and blockchain integrations. Seeking senior/staff roles in platform engineering, cloud infrastructure, or high-growth product teams where end-to-end ownership — from application code to production reliability—directly drives business outcomes.

Core Skills

Languages: Python, JavaScript, TypeScript, Solidity, Java, PHP

Frontend: React, Next.js, Vite, Tailwind CSS, Radix UI, shadcn/ui, Framer Motion

Backend: NestJS, Node.js (Express), FastAPI, Django, REST APIs, GraphQL, Background Jobs, Auth (JWT, Turnkey, Firebase)

Databases: PostgreSQL (Supabase), Firebase Firestore, MongoDB, MySQL

DevOps & Cloud: Docker, CI/CD (GitHub Actions, GitLab CI), Vercel, Google Cloud Run, Kubernetes, Helm, Terraform (in progress), GitOps (Argo CD), Observability (Prometheus, Grafana)

Blockchain / Web3: EVM & Solana integrations, Smart Contracts, NFT Platforms, Multi-chain Wallets (Wagmi, RainbowKit, ethers, viem), Token Standards, Kaleido HD Wallets

Testing: Cypress, E2E & Component Testing, Automated QA, Hardhat

Payments: Stripe, PayPal, Coinbase Commerce, custom crypto solution ([wakapay](#))

Experience

Lead Full-Stack Engineer — Paal AI

Arlington, United States | May 2024 — Present

- Led end-to-end development of a high-throughput, transaction-heavy platform serving 10,000+ active users and processing \$500K+ in monthly volume.
- Architected low-latency, real-time web applications in React and TypeScript, powering live dashboards with sub-100ms update latency.
- Designed and operated scalable backend services with Node.js and Python (FastAPI), handling 1M+ requests per month with robust authentication and validation.
- Engineered payments, subscriptions, and payout systems with idempotency and fault tolerance, eliminating double-charge incidents and ensuring operational correctness at scale.
- Owned production reliability across Dockerized services, CI/CD pipelines, and cloud deployments, achieving and maintaining 99.9% uptime.

Full-Stack Engineer — Marhaba DeFi

Sydney, Australia | May 2022 — April 2024

- Designed and implemented backend APIs and asynchronous workers delivering sub-500Ks response times under high-volume load.
- Built and maintained containerized services and CI/CD pipelines, cutting deployment time by 40% and improving release reliability.
- Automated complex backend workflows end-to-end, reducing manual operational overhead by 80% and freeing engineering time for feature work.
- Drove backend performance optimizations and system reliability improvements that increased throughput by 25%.

Frontend & Blockchain Engineer — Minority Programmers Association

Delaware, United States | Sept 2021 — Jan 2022

- Built and shipped React + TypeScript user dashboards adopted by 5,000+ active users, focusing on clarity, performance, and maintainability.
- Integrated secure authentication and transaction workflows between frontend applications and distributed backend services.
- Optimized frontend performance for high-traffic events, reducing page load times by 35% and improving interaction reliability during peak usage.

Frontend & Blockchain Engineer — BluntDAO

Delaware, United States | March 2021 — Jan 2022

- Developed and maintained React + TypeScript web applications supporting 5,000+ active users, including dashboards and high-traffic workflows.
- Integrated frontend applications with distributed backend services, ensuring secure, reliable user interactions across chains.
- Improved performance and UX for traffic spikes and time-sensitive events, reducing latency and increasing transaction completion rates.
- Built reusable UI components and a design system that cut frontend development time by 25% while standardising UX across products.

Frontend / Full-Stack Intern — Maviance PLC

Douala, Cameroon | Aug 2020 — Feb 2021

- Developed frontend interfaces and integrated REST APIs for product catalogues, user authentication, and order management across e-commerce platforms.
- Implemented payment gateways (e-nkap) across WordPress, PrestaShop, and Magento, reducing checkout abandonment through streamlined payment flows.
- Built custom themes and plugins that improved page responsiveness and site performance, contributing to measurable UX gains.
- Partnered with backend teams to improve API reliability and ensure data consistency across e-commerce workflows.

Open-Source Contribution

Mentee — Linux Foundation (LF Decentralized Trust), Learning Tokens Project

Jun 2024 — Nov 2024

- Contributed to a production-grade, open-source distributed system for secure credentialing and verifiable records.
- Designed data models, templates, and automation workflows supporting scalable issuance and tracking of digital credentials.
- Integrated third-party services (event platforms, media, conferencing tools) to enable real-time data ingestion and processing.
- Collaborated with a global open-source community on architecture decisions, trade-offs, and governance documentation.

Education

Bachelor of Engineering: Computer Engineering — University of Buea, Cameroon | GPA 3.42

Languages

- English — Native
- French — Native
- German — B1