Corentin Dallenogare

Full-Stack Developer · TypeScript / React / Node.js

Belgium · Remote · Available immediately

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PROFILE

Full-stack developer, 4 years shipping to production. At Juneo, an Avalanche-derived Layer 1, I worked across the wallets, cross-chain bridge and tooling, from Solidity contracts to the mobile app. Now at CovalTech, where I own the architecture and backend of every project.

PROFESSIONAL EXPERIENCE

Full-Stack Developer · Co-founder

March 2026 → Present

CovalTech · Belgium · Remote

Two-person agency. Architecture, backend, frontend and deployment across all projects.

- Built CovalFlow and its Python scheduling engine (OR-Tools CP-SAT): 100 volunteers across 400 shifts under availability, skill and rest constraints, solved in under 10 seconds. In production for 3 organisations.
- Designed the agency's backend foundation: Node.js and Express in TypeScript on PostgreSQL, generated type-safe SQL, Zod-validated contracts, JWT with rotating refresh, AES-256-GCM field encryption.
- Delivered Natura Select (headless Shopify on Next.js), Nestohm and four animated marketing sites, from architecture to Docker deployment.
- Industrialised the agency's AI-assisted development harness (CI gates for linting, type checking and tests), cutting a project estimate from 184 to 115 hours.

Full-Stack & Blockchain Developer · Co-founder

January 2022 → March 2026

Juneo Horizon AG · Remote

Avalanche-derived Layer 1, 10-person engineering team, where I worked across wallets, bridge, interfaces and tooling.

- Built the ecosystem's wallet suite across four surfaces: web (React), mobile (React Native), Chrome extension and MetaMask Snap, with 70-80% of the domain logic shared, and published its React component library.
- Rebuilt the Supernet Bridge interface end to end: cross-chain transfers across 5 EVM chains, real-time status tracking, median confirmation under 30 seconds.
- Wrote Solidity smart contracts running in production: upgradeable ERC20, lock/mint bridge handlers, multisig, NFTs.
- Built the off-chain tooling (The Graph subgraph, whale-alert service, Grafana monitoring of the nodes) and contributed to the block explorer and the open-source JuneoJS SDK (80 commits).

SKILLS

Languages: TypeScript · JavaScript · Python · SQL · Solidity

Frontend: React · Next.js · React Native · Vite · Zustand · TanStack Query · GSAP

Backend & data: Node.js · Express · PostgreSQL · pgtyped · Zod / OpenAPI · REST APIs · WebSocket · FastAPI

Infra & quality: Docker · GitHub Actions (CI/CD) · Prometheus · Grafana · Caddy · S3 / MinIO · Vitest

Web3: Solidity · EVM (Ethereum Virtual Machine) · ethers.js · wagmi · The Graph

LANGUAGES

French (native) · English (fluent, B2-C1)

EDUCATION

Bachelor's degree in Computer Science, EPHEC · Louvain-la-Neuve, Belgium · 2019 → 2022