Corentin Dallenogare

Blockchain Developer · Solidity / EVM / TypeScript

Belgium · Remote · Available immediately

corentda@gmail.com · github.com/falcoda · linkedin.com/in/corentin-dallenogare · coval-tech.com

PROFILE

Blockchain developer, 4 years on a production Layer 1. At Juneo, an Avalanche-derived chain, I worked across the smart contracts, cross-chain bridge and wallet suite: 100+ JRC20 tokens in production and a live bridge across 5 EVM chains.

PROFESSIONAL EXPERIENCE

Blockchain Developer · Co-founder January 2022 → March 2026

Juneo Horizon AG · Remote

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

- Wrote and deployed Solidity smart contracts to production: upgradeable ERC20 (UUPS), m-of-n multisig, soulbound tokens (ERC-5192), NFTs and a marketplace.
- Built the token auction system end to end: a UUPS contract upgraded to V4 on mainnet, two Node.js backends that deliver the tokens on the UTXO chain under a 2-of-2 multisig, a subgraph and the Juneo Hub dApp.
- Built the Supernet cross-chain bridge contracts (lock/mint handlers and relayer voting), live across 5 EVM chains, and rebuilt its interface end to end.
- Shipped 100+ JRC20 tokens wrapping external assets (USDT.e, BTC.e, ETH.e) and their native fee contracts.
- Built the wallet suite across four surfaces: web (React), mobile (React Native), Chrome extension and MetaMask Snap, with 70-80% of the domain logic shared.
- Built the off-chain infrastructure (The Graph subgraph, DEX arbitrage bot, whale-alert service, validator fleet manager) and contributed to the block explorer and the open-source JuneoJS SDK (80 commits).

Full-Stack & Blockchain Developer · Co-founder March 2026 → Present

CovalTech · Belgium · Remote

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

- Built DApps, wallets and smart contracts (Solidity, EVM) for ecosystem clients.
- Built CovalFlow and its Python scheduling engine (OR-Tools CP-SAT): 100 volunteers across 400 shifts under 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, type-safe SQL, Zod-validated contracts, JWT with rotating refresh, AES-256-GCM field encryption.

SKILLS

Smart contracts: Solidity · EVM (Ethereum Virtual Machine) · upgradeable ERC20 (UUPS) · ERC-5192 · NFTs · m-of-n multisig · lock/mint bridges

Ecosystem: ethers.js · wagmi · JuneoJS · The Graph · Avalanche · Ethereum · Base · BSC

Applications: React · React Native · Chrome extensions · MetaMask Snap

Backend & data: Node.js · Express · TypeScript · PostgreSQL · FastAPI (Python)

Infra: Docker · GitHub Actions (CI/CD) · Prometheus · Grafana

LANGUAGES

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

EDUCATION

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