Cormac Delaney Senior Web3 Developer

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PROFILE SUMMARY

- **Senior Web3 Developer** with **8 years** of front-end work, the last **4** on **bridge and staking apps** that move assets between **Ethereum and Polygon PoS**.
- Works in **TypeScript**, **Next.js**, **viem and ethers.js**, **Reown AppKit**, **Ponder** and **Node.js**, with enough Solidity to review a bridge contract's interface before it ships.
- Known for **cross-chain transaction status**, **typed signature flows** and **gas sponsorship**, built on **simulation before signing** and **indexers the app can trust after a reorg**.
- Partners with **protocol engineers**, **design** and **developer relations**, and joins incident calls when a bridge delay shows up in Discord before it shows up on a dashboard.
- Mentors **3 front-end engineers** on chain state handling, runs the team's **wallet QA rotation** and wrote the **chain integration guide** partner teams follow.

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript, Solidity (reading), SQL, GraphQL
Front-End Frameworks:	React, Next.js, TanStack Query, Tailwind CSS, Vite
Web3 Client Libraries:	viem, wagmi, ethers.js, permissionless.js
Wallet & Auth Kits:	WalletConnect (Reown AppKit), SIWE, ERC-4337 paymasters, EIP-712
Indexers & RPC Providers:	Ponder, The Graph, Alchemy, QuickNode
Chains & Networks:	Ethereum, Polygon PoS, Arbitrum, Base, Sepolia, Amoy testnet
Back End & Testing:	Node.js, PostgreSQL, Redis, Playwright, Synpress, Anvil, Sentry

EDUCATION

University College Dublin — **B.Sc. in Computer Science** — Dublin, Ireland · Sep 2014 to Jun 2018

WORK EXPERIENCE

Polygon Labs — **Senior Frontend Engineer** — Berlin, Germany (remote) · Apr 2022 to Present

- Rebuilt the bridge flow in Polygon Portal on **Next.js** and **viem**, tracking each deposit and withdrawal across Ethereum and Polygon PoS on one status screen, which cut bridge support tickets by **47%**.
- Moved staking and delegation actions to **EIP-712** typed signatures with readable field labels and a simulation step before the wallet opens, lowering abandoned signing prompts from 22% to **9%**.
- Built a **Ponder** indexer and a Node.js listener for bridge deposit and checkpoint events, so withdrawal status updates within **30 seconds** of a checkpoint instead of on page refresh.
- Added gas sponsorship for first-time bridgers through an **ERC-4337** paymaster on Polygon PoS, covering **48,000** first transactions in 2025 within the team's monthly gas budget.
- Set up **Synpress** wallet tests and contract address allowlists in CI for every bridge UI release, catching **14** wrong-network and approval bugs before users ever saw them.

Scalable Capital — **Frontend Engineer** — Berlin, Germany · Jul 2018 to Mar 2022

- Built React and TypeScript screens for savings plans and order entry in the broker's web app, cutting order form errors reported to support by **38%** after a validation rewrite.
- Moved live price updates in the web app from polling to websockets, cutting requests from web clients by **70%** at market open.
- Built the shared price chart used on stock, ETF and crypto pages, shrinking it from 210 KB to **64 KB** by dropping a charting library.