Teodor Ilić Junior Web3 Developer

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PROFILE SUMMARY

- **Junior Web3 Developer** with **2 years** building **lending dApp front ends** for **a DeFi protocol** on **Ethereum and 3 L2s**, after **3 years of React** on a business messaging platform.
- Builds with **TypeScript**, **Next.js**, **wagmi and viem**, **WalletConnect** and **The Graph**, and reads Solidity well enough to check an ABI change before it ships.
- Strongest in **repay and withdraw flows**, **wallet edge cases** and **wallet end-to-end tests**, and built the team's first **passkey smart account login** prototype on **ERC-4337**.
- Works with **2 senior front-end engineers**, **the smart contracts team** and **the product designer**, and joins the release review for every new market the app lists.
- Keeps the team's **wallet test checklist** current and writes the **plain-English release notes** the community team posts after each app update.

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript, Solidity (reading), HTML, CSS, SQL
Front-End Frameworks:	React, Next.js, TanStack Query, Tailwind CSS, Zustand
Web3 Client Libraries:	viem, wagmi, ethers.js
Wallet & Auth Kits:	WalletConnect, MetaMask SDK, SIWE, EIP-712, ERC-4337 (prototype)
Indexers & RPC Providers:	The Graph subgraphs, Alchemy, Infura
Chains & Networks:	Ethereum, Arbitrum, Base, Polygon PoS, Sepolia
Back End & Testing:	Node.js, Vitest, Playwright, Synpress, Anvil

EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing — **B.Sc. in Computing** — Zagreb, Croatia · Oct 2017 to Jul 2021

WORK EXPERIENCE

Aave Labs — Frontend Engineer — London, UK · Oct 2024 to Present

- Built the supply and borrow dashboards in **Next.js** and **wagmi**, batching reserve and balance reads into one multicall per block, which brought dashboard load on Arbitrum down to **1.2 seconds** from 3.8.
- Added a simulation step before signing and plain-English revert messages to the repay and withdraw flows with **viem**, cutting support tickets about failed transactions by **41%** in one quarter.
- Fixed chain switching and account change bugs across **WalletConnect**, MetaMask and Rabby and added EIP-6963 wallet discovery, raising first-session connect success from 86% to **93%**.
- Moved transaction history from client-side log scans to a **subgraph** on The Graph, with a small Node.js job that backfills missed blocks, so the history page now opens in about **2 seconds** instead of 9.
- Wrote **Playwright** and Synpress tests for supply, borrow and repay on Anvil forks of 4 networks, catching **9 signing and approval bugs** before they reached a release.

Infobip — Front-End Developer — Zagreb, Croatia · Aug 2021 to Sep 2024

- Built React and TypeScript screens for the customer portal's campaign analytics, used by **3,000+** business accounts sending SMS and WhatsApp messages.
- Cut the portal's main JavaScript bundle by **34%** by splitting routes and swapping a heavy charting library for a lighter one.
- Built a wallet-connected tip jar on Base as a side project with wagmi and RainbowKit, which picked up **120 GitHub stars** and led to the move into web3.