

# JAYDEN KIM

## SENIOR FRONTEND ENGINEER

Seoul, South Korea · Remote-ready now · Vancouver relocation planned for early 2027

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### PROFESSIONAL SUMMARY

Senior Frontend Engineer building production frontend applications since 2017 and Web3 products since 2018. Leads frontend architecture and implementation across BTC-backed stablecoin, DeFi, DEX, cross-chain, and SDK products, with a focus on transaction state, recoverability, testing, and long-term operations.

### CORE SKILLS

**Frontend:** TypeScript, JavaScript, React, Next.js, Vue, Vite, TanStack Query, SWR, Jotai, responsive UI, frontend architecture

**Web3:** viem, ethers, web3.js, Privy, EIP-1193, EIP-6963, EIP-7702, EIP-712, ERC-7540, WalletConnect, contract/SDK/API integration

**Product systems:** BTCFi, DeFi lending, DEX, cross-chain, sponsored transactions, asynchronous settlement, wallet and recovery UX

**Quality & operations:** Playwright, Synpress, Vitest, Sentry, AI-assisted engineering automation, Vercel, performance, security, accessibility, i18n

### PROFESSIONAL EXPERIENCE

#### PiLab Technology, Inc. (Bifrost)

Seoul, South Korea

Frontend Engineer · Frontend Lead across key products

Jun 2018 — Present

- Lead frontend architecture and delivery for production BTC-backed stablecoin, DeFi lending, DEX, cross-chain swap, staking, bridge, and SDK products, owning most implementation from technical design through launch and long-term operations.
- Design domain-oriented systems that separate product UI from wallet, protocol, SDK, and API boundaries while modeling approval, network switching, signing, pending, failure, recovery, and completion as explicit user flows.
- Built shared wallet, provider, and asset abstractions and test applications reused across products; reduced duplicate API work through concurrent-request deduplication, lifecycle cleanup, and regression tests.
- Built an operational Sentry-driven Slack AI engineering workflow that filters alerts, prepares validated patches, and opens Draft PRs, materially reducing recurring manual triage and patch preparation while retaining human review.
- Established Playwright/Synpress and unit/integration coverage, observability, RPC/API fallbacks, performance and wallet compatibility work, and security updates across production products.

#### MONITORAPP Co., Ltd.

Seoul, South Korea

UI/UX Software Engineer

Aug 2017 — Jun 2018

- Built internal product interfaces and administration workflows with Vue, JavaScript, PHP, and Node.js, collaborating with product, design, and engineering through production releases.

#### CodeZero

Daejeon, South Korea

Software Engineer Intern

2016 · 4 months

- Delivered Android, web, and server features for university-linked projects using Java, JSP, and MySQL.

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## SELECTED PRODUCT & ENGINEERING WORK

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### SELECTED PRODUCT WORK

#### **BTCTFi Product Family · Frontend Lead**

2024 — Present

Lead frontend delivery across BTC-backed stablecoin issuance and collateral flows, Native BTC and EVM order lifecycles, strategy discovery, developer infrastructure, and current partner-specific vault experiences. Built source/target tracking, reconciliation, recovery, wallet validation, and production instrumentation for long-running financial actions.

#### **BiFi Product Family · Frontend Lead**

2020 — Present

Led the original and cross-chain lending products and the BiFi-X frontend across supply, withdraw, borrow, repay, rewards, staking, leverage, and wallet/contract integrations, then maintained the family through multi-network expansion and long-term operations.

#### **Everdex · Frontend Lead**

2023 — Present

Joined an existing DEX and led architecture evolution and product expansion across swap/bridge, liquidity, pools, LP rewards, slippage and price impact, EIP-6963 wallet discovery, performance, security, and long-term operations.

#### **Mulle · Frontend Lead / Product Engineer**

Jul 2026

Turned a PoC into a KYC-aware cross-chain investment testnet MVP spanning GIWA Sepolia and Robinhood Chain Testnet. Connected Privy, EIP-7702, EIP-712, and ERC-7540 into a five-stage asynchronous settlement UX with reload recovery, fail-closed configuration, sponsored execution, accessibility, and automated release gates. The current MVP uses test assets and a trusted solver.

#### **Additional Production Systems**

2022 — Present

Built and operated Cross-chain Swap route and recovery flows, and designed Bifront SDK's TypeScript wallet, provider, and asset abstractions with unit, integration, and wallet test applications.

#### **Heartnote · Frontend Engineer**

2021 — 2022

Built the customer-facing frontend for a launched consumer perfume subscription service across onboarding, recommendations, subscription, recurring payment, and account experiences.

### SELECTED AWARDS & HACKATHONS

#### **ETHGlobal Taipei · Circle and Hyperlane sponsor prizes**

2025

One multichain stablecoin yield submission recognized by both sponsors.

#### **HashKey Chain Hackathon: Taiyi Seoul · PayFi Track Winner**

2025

HashKey-focused stablecoin yield prototype.

#### **Memekathon Seoul · 2nd Place**

2025

MemeCore-focused cross-chain yield prototype.

#### **Quorum Hackathon Seoul · 2nd Place**

2019

Earlier Web3 recognition.

### CANADA WORK AUTHORIZATION

IEC Working Holiday Letter of Introduction valid through June 30, 2027. Open work permit expected on entry, subject to border approval; no employer sponsorship required after activation.