



Senior Full-Stack Engineer (Web3) – VanEck

Location: Remote or Tampa, Florida/New York, NY

Department: VanEck's Web3 Department

Type: Full-Time

About the Role

VanEck is expanding its Web3 initiatives, with a primary focus on SegMint.io, our innovative tokenized-collectibles marketplace. We're seeking a Senior Full-Stack Engineer to lead the development of crypto-native capabilities, build custom blockchain solutions, and drive the next phase of Web3 innovation at VanEck.

This role is ideal for an experienced engineer who thrives in a fast-paced, highly autonomous environment, understands blockchain ecosystems, and can architect and scale decentralized applications (dApps) while maintaining best practices in security and performance.

Key Responsibilities

- **Lead Development:** Architect and build scalable full-stack applications supporting SegMint.io and other Web3 initiatives.
- **Smart Contracts & Web3 Integration:** Develop and integrate smart contracts (Solidity, Rust) and Web3 APIs for on-chain interactions.
- **Backend Development:** Design and implement robust backend services (Node.js, Go) with database solutions (PostgreSQL, MongoDB).
- **Frontend Development:** Develop high-performance, user-friendly interfaces using React, Next.js, TypeScript.
- **Blockchain and Marketplace Infrastructure:** Work with backend and database infrastructure that support indexing of smart contract events using Subgraphs or other blockchain data querying methods
- **Security & Compliance:** Implement best practices in secure coding, smart contract auditing, and data protection.
- **Scalability & Performance:** Optimize applications to handle increased transaction loads and improve overall system efficiency.
- **Mentorship & Leadership:** Guide junior engineers, conduct code reviews, and contribute to a culture of engineering excellence.

Requirements

- 5+ years of full-stack engineering experience, with at least 2+ years in Web3/blockchain development.
- Strong proficiency in JavaScript/TypeScript, React, Next.js, Node.js, and Solidity.

- Experience with EVM-based smart contracts, Solidity, Hardhat, Foundry, and Web3.js/Ethers.js.
- Experience working with web3 frontend tools such as wagmi, viem, and ethers.js
- Understanding of DeFi, token standards (ERC-20, ERC-721, ERC-1155), and on-chain transactions.
- Experience with cloud services (AWS, GCP, or Azure) and DevOps tools (Docker, Kubernetes, CI/CD).
- Familiarity with IPFS, decentralized storage, and Layer 2 scaling solutions.
- Strong problem-solving skills and ability to work autonomously in a high-growth, experimental environment.

Preferred Qualification:

- Experience working with tokenized assets, NFTs, or RWA (Real World Assets).
- Background in DeFi protocols, L1/L2 blockchain development, or traditional finance (TradFi)
- Knowledge of cross-chain protocols and bridging solutions.

Compensation:

If this position will be performed in whole or in part in New York City, the base salary range is \$150,000 to 200,000. Individual salaries may vary based on different factors including but not limited to, skills, experience, job-related knowledge, and location. Base salary does not include other forms of compensation or benefits offered in connection with this position.

VanEck is committed to treating all applicants and employees fairly and to providing equal opportunity in compliance with applicable federal, state and local laws. VanEck does not and will not discriminate against any employee or applicant for employment on the basis of race, religion, ancestry, color, gender, gender identity, pregnancy, age, physical or mental disability, national origin, marital status, sexual orientation, citizenship status, covered-veteran or military status, genetic information, and/or any other factor protected by law.