Alex Eskandari

Senior / Lead Full Stack Web3 Engineer · AI-Native Engineering

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SUMMARY

Full Stack Web3 Engineer with 7+ years shipping end-to-end blockchain products: React/Next.js frontends, Node.js/NestJS backends, real-time data pipelines and cloud infrastructure on AWS. Led teams of up to 8 engineers across EVM and Solana. Shipped platforms handling 100k+ MAU and 10k+ on-chain trades/day, with production multi-chain wallet infrastructure (Wagmi, Viem, Dynamic, Sequence) and deep DeFi and NFT domain expertise. AI-native engineer: uses Claude daily to write, test, debug and document code, and built Dr. Git, an open-source LLM code review tool.

AI-ASSISTED ENGINEERING

- Use Claude daily for code generation, refactoring, unit and integration test generation, and edge-case brainstorming
- Apply Claude to failure analysis and root-cause investigation from logs, stack traces and diffs, and to documentation and developer tooling
- Built Dr. Git, an open-source AI code review GitHub App on the Vercel AI SDK: 1k+ reviews/month, 70% less manual review time

TECHNICAL SKILLS

Expert: TypeScript, React, Next.js, Node.js, NestJS, Wagmi, Viem, WebSocket, GraphQL, Apollo GraphQL, PostgreSQL, Redis, Docker, GitHub Actions CI/CD
Proficient: Solidity, Ethers.js, The Graph, IPFS/Pinata, Dynamic, Sequence, Privy, Tailwind, Zustand, Redux, TanStack Query, Express, ElysiaJS, BullMQ, Prisma, MongoDB, MySQL, AWS (Lambda, EC2, ECS, RDS, S3, DynamoDB, CloudWatch, IAM), Vercel, Jest, Vitest, Claude, Vercel AI SDK
Familiar: Solana (Anchor), Hardhat, gas optimization, ERC-4337, CloudFormation, Amplify, Serverless, Figma

Chains: Ethereum, Arbitrum, Base, Polygon, Canto, Monad, Solana, Cosmos

PROFESSIONAL EXPERIENCE

Lead Full Stack Web3 Engineer, ShowDown · Jun 2025 – Jun 2026
India, Remote · Multi-chain e-sports platform across EVM and Solana

- Inherited a fragmented **5-engineer team** with no shared standards. Defined coding standards and a **staged rollout process**, cutting bug rates by **22%** and raising feature delivery speed by **28%**
- Led a modernization of a **40k+ LOC React codebase** that was breaking in production: production errors down **40%**, page load times down **25%**, and safer feature experimentation
- **Streamlined the CI/CD wallet deployment pipeline**, increasing new-user onboarding speed by **20%**
- **Architected a unified multi-chain wallet layer** (Wagmi, Viem, Sequence, Dynamic) across EVM and Solana, reducing connection failures by **35%**
- Integrated **SIWE with NextAuth**, cutting auth time by **350ms**, improving retention by **15%** and nearly eliminating login errors
- Integrated an **Anchor-based Solana program** (account validation, PDA derivation, CPI calls to the SPL token program) for trustless tournament payouts

Lead Full Stack Web3 Engineer, NeoBase · Apr 2023 – May 2025
Dubai, Remote · Web3 consultancy building dApps for external clients

- Delivered **real-time trading and analytics dashboards** with WebSockets and The Graph, supporting **10k+**

trades/day with sub-second data freshness
- Led a distributed team of 8 across client dApps. **Set the technical roadmap and standardized cross-chain integration patterns** reused across 4+ projects
- **Architected an NFT marketplace on Canto** from a cold-start MVP, reaching **$10k+ in NFT volume within 6 weeks** on a chain with under 50k active wallets
- Built the data layer on **IPFS/Pinata**, supporting 1k+ live listings and cutting metadata load times by **13%**, and chose IPFS over centralized storage to remove a single point of failure

Lead Frontend Engineer, StarryAI · Feb 2022 – Dec 2022

USA, Remote (Freelance) · AI-powered image-to-artwork platform

- Rebuilt the data layer with **Apollo GraphQL** as the platform scaled toward 100k MAU, cutting API response times by **40%** and lifting session depth by **20%**

Senior Full Stack Engineer, Prestige · Jan 2021 – Jan 2022

Turkey, Remote · Web3 analytics startup with real-time on-chain dashboards for DeFi traders

- Replaced polling-based dashboards with a **low-latency event-driven data infrastructure**, cutting update lag by **50%** and enabling real-time on-chain signal delivery
- Moved a monolith to **containerized microservices on AWS** (ECS, Lambda, RDS) with Node.js, PostgreSQL, Redis, **Docker** and **GitHub Actions CI/CD**, reaching **99.9% uptime** for 2k+ active users

PROJECTS

Dr. Git · AI-Powered Code Review (Open Source)

- Built and open-sourced an **AI-powered GitHub App** on the Vercel AI SDK that automates pull request review with LLM reasoning: **1k+ reviews/month** and a **70% reduction in manual review time**

Stack: *TypeScript, GitHub Apps, Vercel AI SDK*

Homa Chat · Anonymous Messaging Bot

- Designed a **high-throughput event-driven architecture** (BullMQ queues, Redis pub/sub, PostgreSQL, ElysiaJS) for 100k+ concurrent users with zero message loss, plus abuse detection that stops **8k+ incidents/day**

Stack: *Turborepo, BullMQ, Docker, Redis, TypeScript, PostgreSQL, Prisma, ElysiaJS*

Altr · Web3 Lending Platform

- Delivered the full dApp (wallet integration, smart contract UI, collateral flows), supporting **$5k+ in early loans and 2k+ on-chain transactions** in the first month, with Apollo GraphQL improving query performance by **35%**

Stack: *Next.js, TypeScript, Apollo GraphQL, Viem, TailwindCSS, EVM, WalletConnect*

Luganodes · Web3 Node Deployment

- Created a one-click node provisioning platform running **10+ nodes in production**, with real-time dashboards refreshing for **1k+ concurrent deployments/day** via Apollo GraphQL and The Graph

Stack: *Next.js, TypeScript, Apollo GraphQL, The Graph, Viem, TailwindCSS, EVM, WalletConnect*

EDUCATION

B.S. Computer Engineering, Bilkent University · Jan 2015

LANGUAGES

English (Fluent) · Turkish (Native)