

# Jerry Hodges

Senior Full-Stack Engineer | Web3 | TypeScript | React | Node.js

Solidity · Next.js · DeFi · Smart Contracts · GraphQL · AWS · Fireblocks

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## SUMMARY

Senior full-stack engineer with 15+ years in software and 5+ years building end-to-end Web3 applications. Equally strong across the frontend (React, Next.js, TypeScript), backend (Node.js, GraphQL, Postgres), and smart contract layer (Solidity, EVM). Shipped production dApps, DeFi protocols, NFT platforms supporting tens of thousands of users, and crypto payment infrastructure integrated with Fireblocks. Founder of Lightspeed Labs, leveraging AI-augmented workflows (Claude Code, Cursor) to deliver full-stack Web3 products at exceptional speed.

## SKILLS

- **Frontend:** React · Next.js · TypeScript · Tailwind CSS · shadcn/ui · React Hook Form · Ethers.js · Wagmi · Viem · Web3 Modal
- **Backend & APIs:** Node.js · Express.js · GraphQL · REST APIs · Supabase · Firebase · Postgres · Redis · Zod · Serverless
- **Blockchain:** Solidity · EVM · Hardhat · OpenZeppelin · UUPS Proxy · ERC-20/721/1155 · Uniswap · Arbitrum · Polygon
- **Payments & Infra:** Fireblocks · Swapped · Custodial Wallets · Crypto Payment Infrastructure · AWS · Docker · CI/CD · Datadog · Lambda
- **AI Tooling:** Claude Code · Cursor · AI-augmented development · Anthropic Claude APIs · Prompt engineering for engineering workflows

## EXPERIENCE

### Founder & Lead Engineer · Lightspeed Labs — Remote 2025 – Present

*Premium software studio: AI automation, Web3, and full-stack solutions for clients.*

- Built AI-powered pool service SaaS — chemical calculations, route optimization, scheduling — with Next.js, Node.js, and Anthropic Claude APIs; displacing legacy industry tools.
- Engineered CRM and inventory management system for a night vision optics company: stock tracking, order workflows, and client tooling (React, Postgres).
- Delivered modernized dental practice website with appointment booking and mobile-first design.
- AI-augmented workflows (Claude Code, Cursor) enable production-quality delivery in a fraction of traditional timelines.

### Sr. Full Stack Engineer — Payments · RooBet — Remote 2025

*Payments team — crypto and fiat infrastructure for a high-volume global gaming platform.*

- Owned end-to-end cryptocurrency payment infrastructure handling high-volume incoming and outgoing transactions with pooling operations.
- Integrated Fireblocks enterprise custody API and Swapped fiat-to-crypto conversion for production payment flows.
- Architected and optimized React-based cashier UI for deposit and withdrawal, improving reliability and user experience across all payment types.
- Monitored payment infrastructure health, transaction throughput, and error rates using Datadog dashboards and alerts.

### Sr. Solidity & Full Stack Engineer · ExPopulus (XAI Blockchain) — Remote 2024 – 2025

*Sentry Node Ecosystem team — smart contract and full-stack development for XAI, an Arbitrum-based L3 gaming blockchain.*

- Engineered Sentry Node staking and licensing smart contracts handling \$10M+ in on-chain value, using upgradeable UUPS proxy patterns for future-proof upgradeability.
- Designed and deployed reward distribution contracts with gas-optimized claim logic for node operators across the XAI ecosystem.
- Optimized GraphQL subgraph entities and queries significantly improving data fetch performance for frontend consumers.
- Revamped CLI tooling for node operators and maintained React/Next.js production applications serving thousands of users.

### Lead Engineer — Full Stack Web3 · Kings of Rings — Remote 2023 – 2024

*Led architecture and development for a Web3 NFT fighting game on the Polygon network.*

- Architected and delivered full production stack: React frontend, Solidity smart contracts, Node.js APIs, and Postgres DB.
- Built upgradeable DeFi smart contracts interfacing directly with Uniswap V2 liquidity pools for in-game token economics.
- Engineered NFT minting and game asset contracts (ERC-721/ERC-1155) supporting tens of thousands of minted tokens across the player base.
- Implemented wallet connection flows, on-chain game state reads, and transaction UX using Ethers.js and Wagmi.

### Senior Software Engineer — Full Stack Web3 · BestFTSO — Remote 2021 – 2023

- Built custom NFT marketplace (React + Solidity) supporting tens of thousands of transactions on the Flare network.
- Developed ERC-20 reward token with automated weekly distributions based on delegated stake across thousands of wallets.
- Designed on-chain delegation tracking and gas-efficient reward calculation logic at scale.

### Software Engineer — Full Stack · Mortgage Machine — Louisville, KY 2013 – 2021

- Implemented CI/CD pipelines and Dockerized deployments on AWS ECS for an enterprise mortgage SaaS platform.
- Maintained scalable Node.js REST APIs and Firebase integrations over an 8-year tenure.