

ELLIOT SHOHE

Senior Full-Stack Engineer

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SUMMARY

Builds AI-powered web and mobile products with TypeScript, React, Next.js, Node.js, and PostgreSQL. Leads product work across interfaces, backend services, LLM integrations, identity, data, and DevOps.

TECHNICAL SKILLS

Languages & UI: TypeScript, JavaScript, React, Next.js, React Native, Expo, Tailwind CSS, shadcn/ui, Python

Backend & APIs: Node.js, REST APIs, GraphQL, WebSockets, OAuth

Data: PostgreSQL, Prisma, Supabase, Redis, NoSQL

AI & integrations: OpenAI, Large language models (LLMs), Model Context Protocol (MCP)

Cloud: Vercel, AWS Lambda, Amazon EC2, Amazon S3, Amazon RDS, Google Cloud Platform (GCP)

DevOps: Docker, Docker Compose, Linux, CI/CD, GitHub Actions

Testing: End-to-end testing, Playwright, Jest, Mocha, Chai

EDUCATION

University of California, Davis

2012 – 2017

B.S. Computer Science

EXPERIENCE

Burn

Oct 2022 – Present

Senior Full-stack Engineer

- Own React Native/Expo mobile, Next.js web, and PostgreSQL/Prisma backend engineering in a TypeScript monorepo; implemented native Google sign-in bridges in Swift and Kotlin.
- Built streaming OpenAI-powered LLM chat with persistent history and health-data tool calling; used transactional leases, recorded tool outcomes, and rate limits to guard concurrent replies and repeated writes after retries.
- Exposed health tools to ChatGPT through an OAuth-protected MCP server with scoped consent and encrypted tokens; fetched Google Health metrics concurrently with timeouts and partial results.
- Implemented direct Apple App Store and Google Play subscription verification with account binding, product and status checks, and store-environment validation.
- Standardized development with Docker Compose for PostgreSQL, migrations, Next.js, Expo/Metro, and Android builds; added release preflight checks and regression coverage.
- Optimized meal photos with Sharp resizing and compression; enforced upload and decoded-pixel limits.

Nifty's (acquired by MoonPay)

May 2021 – Oct 2022

Full-stack Engineer

- Engineered Solidity smart contracts supporting 100,000+ NFT mints across Ethereum and Palm.
- Automated contract deployment and verification across staging and production for repeatable releases.

Hypernet Labs

Feb 2019 – Feb 2020

Full-stack Engineer

- Architected layer-two ERC20 payment settlement infrastructure scaling to 25 transactions/second.
- Built a modular SDK with dependency injection and CI/CD automation; managed a small engineering team and technical roadmaps.

i2Chain, Inc**Sep 2018 – Feb 2019***Full-stack Engineer*

- Delivered Electron/React/Redux desktop software and Node.js identity-based access controls, operated a production geth node cluster, and developed AWS Lambda services.

Ooma, Inc.**Jun 2017 – Sep 2017***Software Engineering Intern*

- Containerized applications with Docker Swarm and profiled performance across a million-line Java codebase.

Weebly**Jun 2015 – Sep 2015***Software Engineering Intern*

- Generated API clients in 13 languages and delivered REST endpoints with automated checks.