

Joshua Li

DESIGN ENGINEER

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PROFESSIONAL SUMMARY

Design Engineer with expertise in frontend, backend, DevOps, and testing. I offer a well-rounded skill set and design-driven perspective that set me apart from traditional developers.

TECHNICAL EXPERTISE

- **Languages:** TypeScript, JavaScript, Python, Go, Rust
- **Frontend:** React, Next.js, Remix, Vue, TailwindCSS, Framer Motion, shadcn/ui
- **Backend:** Node.js, Hono.js, Express, FastAPI, tRPC, GraphQL, REST
- **Data:** PostgreSQL, MongoDB, Redis, Prisma, Drizzle, Supabase
- **Cloud:** AWS (Fargate, Lambda, EC2), Kubernetes, Docker, Vercel, Cloudflare
- **AI/ML:** OpenAI, Claude API, LangChain, Vector DBs, MCP, Cursor

PROFESSIONAL EXPERIENCE

Design Engineer

February 2024 – Present

Denser.ai — AI-Powered Chatbot

- Designed and implemented containerized architecture on AWS Fargate with tRPC and Cognito/NextAuth for enhanced scalability and security
- Led full-stack development of Denser Chat, Retriever, and Legal products using Next.js, shadcn/ui, and Framer Motion
- Built automated CI/CD pipelines with GitHub Actions and comprehensive monitoring using CloudFront and CloudWatch
- Developed templated email systems to support marketing campaigns and improve operational efficiency

Design Engineer (Part-time)

December 2024 – Present

Holaboss.ai — AI Agents for Marketing Automation

- Implemented MCP microservices using Hono.js and Cloudflare Workers for flexible, high-performance architecture
- Built Twitter Agent Workspace for competitor tweet analysis and automated scheduled posting
- Developed multi-platform content publishing APIs for Twitter, LinkedIn, and Threads with one-click distribution

Technical Lead

June 2021 – March 2024

ZLattice — Blockchain Infrastructure

- Led architecture and development of Blockchain SDKs in TypeScript, Go, and Rust, plus BaaS platform and DID solutions
- Established Kubernetes and GitLab CI deployment pipelines for comprehensive DevOps automation
- Managed 10-member agile development team, responsible for technical planning, task allocation, and mentoring

Full-Stack Engineer

September 2020 – June 2021

Cregis — Blockchain Wallet

- Built React-based cryptocurrency trading platform with real-time market data visualization
- Implemented WebSocket connections for live price feeds and order book updates

Senior Mobile Engineer

November 2018 – September 2020

Hexing Tech — Ride-hailing Platform

- Developed React Native applications for ride-hailing platform
- Optimized app performance and stability through comprehensive testing and debugging

Mobile Developer

June 2016 – November 2018

Mingjiang Smart — IoT Platform

- Built iOS and Android applications for IoT device management and control
- Implemented MQTT protocol for device communication

EDUCATION

Bachelor of Engineering

Chongqing University of Posts and Telecommunications

Computer Science & Technology • 2012 – 2016