

Luke Song

Frontend Engineer who focuses on writing clean, efficient and maintainable code.

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EXPERIENCES

InterviewRocket, San Jose – Frontend Engineer

Jan 2023 - Dec 2023

Led the front-end development of InterviewRocket using Next.js, creating an intuitive user interface for real-time, AI-powered mock interviews. Seamlessly integrated frontend with Python backend via WebSockets, ensuring smooth user interactions and conversational flow with AI agents.

Identity, San Jose – Associate Frontend Software Engineer

May 2022 - Jan 2023

Engineered an internal analytics tool using React, Recoil, and Chakra UI, enhancing visibility into gateway token usage. Spearheaded the development of the Gateway v2 Protocol (Gv2), encompassing a Rust program, TypeScript client service, and exhaustive documentation. Collaborated with the CTO and senior developers, achieving 90% test code coverage for the DID-SOL and Cryptid projects using Mocha and Jest.

Freelance, Remote – Frontend Software Engineer

June 2021 - Current

Developed various web applications and tools, including Continuity Compass v0.1 for checking USDWS compliance, a Full Stack Starbucks online store and back office, a responsive web application for Little Minds, a decentralized Mobile Identification Card for San Jose State University (Pseudo Pass), an AI-powered image filtering application for Philter, a cross-platform mobile application for Appointzen, and contributed to an open-source community forum software at STEM AWAY, utilizing technologies such as HTML, CSS, Javascript, Typescript, React and Node.js.

SpotMeSolutions, San Jose – Software Engineer Intern

June 2018 - Sep 2019

Pioneered a cross-platform parking app, adopted by over 3,000 San José State students, streamlining real-time parking spot discovery. Orchestrated the UI, integrating features like login, navigation, and location tracking using Google Maps API.

STRENGTHS

JavaScript | TypeScript | HTML | CSS | Bootstrap | TailwindCSS | Next.js | React | React Query | Node.js | MongoDB | SQL | Git | Bash | Jest | Mocha |

EDUCATION

San Jose State University,
San Jose

B.S. in Software Engineering
Cum Laude & CS Cyber Security
Certified

AWARDS

1st runner up at Rocket.Build
Hackathon

Donating made effortless with
an Android & iOS App, a step
towards solving homelessness.

Best Use Of Filecoin Prize
Winner at 1, 2, web 3 Moralis
Hackathon

Content Management System
that stores data on the
blockchain.

Certificates

SJSU Cyber Security Certificate
GBSA Blockchain Professional
Certificate
GBSA Blockchain General Certificate
STEM Away Fullstack Certificate