

Ken Suzuki

Full Stack Engineer

📍 Tokyo, Japan

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Skills

Frontend Web Development

Expert



ReactJS, HTML/CSS, JS/TS, NextJS, VueJS, AngularJS, TailwindCSS/Bootstrap, JavaScript/TypeScript

Backend Development

Proficient



NodeJS, Python/Flask, Postman, ExpressJS, MongoDB, MySQL, AWS Lambda, EC2, ASP.NET, Azure

Blockchain Development

Proficient



Solidity, Hardhat, Truffle, EVM, Blockchain

Machine Learning

Advance



Machine Learning, Deep Learning, NLP, Image Processing

Interests

Video Games

FIFA

Artificial Intelligence

Machine Learning, ChatGPT

Internet Of Things

A passionate lifelong learner, I thrive at the intersection of technology and innovation. With a keen interest in cutting-edge domains like blockchain and AI, I see these advancements as catalysts for transformation across industries, disrupting markets and creating unparalleled value. My professional ambition is to leverage my expertise and determination to tackle challenging problems while continuously striving for personal and professional growth. In my free time, I enjoy exploring new tech trends and engaging with like-minded individuals to share ideas and insights.

Experience

Lockchain AI

Oct 2023 - Nov 2024

Software Engineer

- Developed a Solidity analysis engine in Python, leveraging Web3.py and an abstraction of Solidity to form an abstract syntax tree. This enabled dynamic analysis and Bounded Model Checking. Furthermore, it features custom detection logic to analyze DeFi business logic within DApps, identifying exploitable transaction sequences. Results were stored in a backend database using my schema design.
- Engineered a real-time monitoring module in Python within AWS Lambda. This module utilizes Web3.py to integrate EVM chains via node providers. Moreover, it leverages asyncio for pseudo-concurrency, minimizing latency. The module uses transaction sequences from the analysis engine to generate alerts, which are stored in the database and exposed via an API endpoint.
- Architected and implemented an AWS-based infrastructure using SQS, SNS, Lambda, DynamoDB, and CloudWatch. In addition, I conducted educational sessions on blockchain technology for colleagues and clients.

Bidify Cloud

Jun 2021 - Sep 2023

Full Stack Developer

- Led the development and maintenance of both frontend (ReactJS, TailwindCSS) and backend (Node.js, Solidity, Hardhat) applications, overseeing the entire software development lifecycle from initial concept to deployment. Implemented best practices for code quality and performance optimization while integrating machine learning models via Flask APIs to ensure scalability and efficient cloud deployment.
- Developed a responsive user interface for an NFT marketplace across multiple EVM networks, significantly enhancing user experience and accessibility. Designed and deployed a robust backend to facilitate seamless functionalities for buying, selling, and auctioning NFTs, with a strong emphasis on security and scalability.
- Integrated multiple third-party APIs, including IPFS, Arweave, and Fleek, leveraging Node.js for decentralized storage solutions. Optimized API interactions to improve overall application performance, enhance data retrieval, and boost user engagement.

Xion Global

Mar 2020 - Apr 2021

Frontend Developer (Freelance)

- Created responsive websites from scratch and designed front-end interfaces for web and mobile applications using AngularJS/TypeScript
- Integrated UI with Solidity smart contracts using Web3JS and EthersJS, while adhering to front-end development best practices

Freelancer

Aug 2019 - Apr 2020

Freelance Frontend Developer

- Successfully redesigned and developed a modern portfolio website for a creative professional using HTML, CSS, and JavaScript, focusing on clean aesthetics and user engagement.
- Utilized CSS Grid and Flexbox to create a responsive layout that adapts to various devices, improving accessibility and user experience across platforms.