

TAKESHI SUZUKI

SENIOR SOFTWARE ENGINEER

◦ DETAILS ◦

takeshi@prohub.work

◦ LINKS ◦

[LinkedIn](#)

[GitHub](#)

◦ SKILLS ◦

Typescript

Node.js

React.js

Next.js

Nest.js

Express.js

Solidity

Vue

PostgreSQL

MongoDB

Python

Django

Tailwind CSS

Viem

Wagmi

Java

Kotlin

Ruby on Rails

PHP

CI / CD

👤 PROFILE

A senior software engineer with 8+ years of experience, proficient in Web & Blockchain development. A problem solver with a can-do attitude, always ready to develop new solutions and offer another perspective. Has spent the last decade learning and using the latest software tools and patterns to build great apps.

🏢 EMPLOYMENT HISTORY

Web3 Full Stack Engineer

<https://www.tizz.finance/>

February 2024 — Present (5 months)

Tizz is developing Tizz Trade, a liquidity-efficient, powerful, and user-friendly decentralized leveraged trading platform.

Achievements

- Designed and implemented user-centric pages for the trading platform, employing Next.js, Tailwind CSS, Tanstack Query, Wagmi, and Rainbowkit to ensure optimal functionality and aesthetics.
- Proactively identified and resolved technical issues, optimizing platform stability and user experience.
- Provided support to backend and smart contract developers, assisting in diagnosing and resolving complex technical issues

Technologies: Typescript, Nextjs, NextUI, Tailwind CSS, Tanstack Query, Viem, Wagmi, Rainbowkit, Nest.js, Prisma, Restful API, Redis, Hardhat, ERC20, ERC4626, ChainLink, Supra Oracle

Lead Software Engineer

<https://www.urbanmix.tech/>

August 2023 — January 2024 (6 months)

UrbanMix.Tech is dedicated to urban redevelopment technology, driving the real estate industry's evolution into the smart city era.

Achievements

- Built a real estate project management | portfolio management software within a 6-month deadline, helped series A funding.
- Led and managed an agile team throughout the software development lifecycle, from defining requirements to design, ticket assignment, code review, and deployment, ensuring timely and quality deliverables.
- Utilized Terraform to automate configuration of cloud infrastructure, saving 10 hours of weekly manual configuration.
- Enhanced D3 model rendering efficiency by leveraging Three.js, optimizing visualization processes for enhanced user experience and performance.

Technologies: Typescript, React, Vite, Three.js, Tailwind CSS, MUI, Firebase, Stripe, Sendgrid, Twilio

Full Stack Engineer

<https://biblionexus.org/>

April 2023 — July 2023 (4 months)

Achievements

- Researched various crowdsourcing methods and successfully implemented a Crowdsourcing-as-a-Service platform using NestJS and a React-Vite application to facilitate efficient task distribution and collaboration.
- Managed the AWS infrastructure and streamlined deployment processes by implementing CI/CD pipelines using GitHub Actions and Docker, ensuring seamless integration and delivery.

◦ LANGUAGES ◦

English

◦ HOBBIES ◦

Fishing

Tennis

- Enhanced database performance by utilizing indexing, normalization, and denormalization techniques, resulting in faster query responses and improved overall system efficiency.

Technologies: Typescript, React, MUI, Nestjs, PostgreSQL, Storybookjs, GraphQL

Lead Full Stack | Web3 Engineer

<https://www.techgropse.com/>

August 2022 — February 2023 (7 months)

Achievements

- Led the development of Blast.gg, a platform integrating Web3 and traditional games to provide users with automatic leaderboards, brackets, and challenges.
- Designed a robust and scalable data structure for tournament results using a MongoDB schema and built efficient RESTful APIs to ensure smooth data management and integration.
- Developed a user-friendly dashboard to enhance the user experience, enabling easy navigation and management of tournament data and user interactions.

Technologies: Typescript, React, MUI, Redux toolkit, Rainbowkit, Nestjs, MongoDB, Mongoose, Redis, AWS, Docker

Smart Contract Developer

<https://www.techgropse.com/>

April 2022 — July 2022 (4 months)

Achievements

- Implemented the required NFT contract with whitelisting and pay for mint functionality.
- Collaborated closely with the client to develop the necessary smart contract features.
- Integrated MetaMask connectivity for mint functionality into a WiX-created website.

Technologies: Solidity, ERC721, ERC20, Hardhat, Jest

Crypto Trading Bot Developer

<https://www.techgropse.com/>

January 2022 — March 2022 (3 months)

Achievements

- Developed a copy trading bot on the GMX Perpetual Platform, integrating custom trading strategies and portfolio management to enhance trading efficiency.
- Created a user-friendly Telegram bot using TypeScript to facilitate seamless interaction with the trading bot, enabling users to monitor and execute trades effortlessly.

Technologies: Typescript, Nestjs, PostgreSQL, GMX sdk, Prisma, Telegram Bot API, Telegraf

Web3 Frontend Engineer

<https://www.techgropse.com/>

May 2021 — December 2021 (6 months)

Achievements

- Built a high-performance decentralized trading platform (<https://gains.trade>) using Next.js, Tanstack Query, and Wagmi, facilitating leveraged trading with user-friendly UI and robust backend integration.
- Customized the **TradingView** library for advanced charting capabilities and optimized the data feed API using **socket.io** to provide real-time market data, enhancing the platform's performance and user experience.
- Forked and enhanced the UX from the GMX platform, implementing improvements in trading functionalities and user interface design to provide a seamless trading experience.

Technologies: Typescript, Next.js, Tailwind CSS, NextUI, Tanstack Query, Wagmi, Rainbowkit, GraphQL

Next.js Engineer

<https://www.techgropse.com/>

January 2021 — May 2021 (5 months)

Achievements

- Implemented the UI of Symbiosis Finance (<https://symbiosis.finance>) using Next.js and Tailwind CSS based on Figma designs, optimizing for key Core Web Vitals like LCP, INP, and CLS.
- Gained proficiency in Web3 frontend development tools and libraries, including Ethers.js, Web3 Modal, and EVM chains.
- Optimized and refined the AMM swap widget to enhance user experience, focusing on usability, responsiveness, and performance, ensuring seamless interaction and improved user satisfaction.

Technologies: Typescript, Next.js, Tailwind CSS, Redux, Ethers.js, EVM, Web3 Modal

Vue3 & Typescript Engineer

<https://www.techgropse.com/>

September 2020 — December 2020 (4 months)

Achievements

- Launched BidOut (<https://bidout.app>) is the leading procurement SaaS platform in the energy industry that connects service providers directly to buyers, streamlining the bidding process and putting more control in the hands of suppliers.
- Collaborated closely with product and sales teams to develop and launch admin dashboard and RFx platform using Nuxt.js, Vue3, Typescript and MongoDB within 4 months.
- Built 50+ highly responsive and adaptable UI components and implemented effective and clean data flow on pages using Vue3, Vuex, Vuetify and SCSS.
- Created 30+ APIs that maintain best practices of REST and utilize appropriate caching strategies to reduce API response time and server load.
- Leveraged Auth0 Single Sign On to enhance security and UX and integrated more than 4 third-party platforms for SMS and payment functions.

Technologies: Typescript, Vue3, Nuxt.js, Vuetify, SCSS, Storybook.js, Nest.js, GraphQL, PostgreSQL, MongoDB, Mongoose ORM, RESTful service, GCP, Stripe, Twilio, Auth0

Full Stack Engineer

<https://hilolabs.com/>

February 2019 — September 2020 (1 year 6 months)

Achievements

- Led Bonzo (<https://getbonzo.com>) development for over 1.5 years, maintaining stability, adding features, and improving UX/UI.
- Developed a mobile application Woofz across a PWA version to iOS and Android apps using React Native, Typescript, Java, Kotlin, and NativeWind for 6 months.
- Utilized Kotlin expertise to seamlessly integrate React native with native platform APIs, (Camera API, Location API, Calendar API), enhancing overall functionality and user experience for Woofz.
- Developed a new portal for business customers that allowed easier marketing for products and services
- Integrated 6+ third-party platforms such as Bandwidth, Stripe, GCP, and Uni-Swap to enable subscription, message scheduling, and auto-responding capabilities for SMS.
- Developed advanced features, including in-app tutorials, a notification system, and split payment, improving functionality and user satisfaction.

Technologies: Typescript, Vue2, Quasar, SCSS, Jest, Cypress, Express.js, MongoDB, RESTful, Expo, AWS, Stripe, Twilio, Bandwidth, NativeWind

Frontend Vue.js Developer

<https://hilolabs.com/>

July 2018 — February 2019 (7 months)

Achievements

- Worked on building frontend of [Bonzo \(https://getbonzo.com\)](https://getbonzo.com) for 5 months that is a SaaS solution designed to help businesses streamline operations related to customer engagement and creating campaigns.
- Designed and developed web components using Vue for custom non-Webflow search and calculator functionalities. Deployed web components to a CDN to be embedded as native code within Webflow pages without needing to use iframes.
- Created a user-friendly dashboard and campaign page using Vue and Quasar, while presenting more than 30 improved suggestions.

Technologies: Typescript, Vue2, Quasar, SCSS, Jest, Cypress, Axios

Frontend Developer

<https://leadaction.com/>

January 2018 — June 2018 (6 months)

LeadAction is a SaaS solution for helping gyms close more leads with powerful text/SMS, email and sales automation.

Achievements

- Transformed a Figma design into a pixel-perfect and fully responsive web application using Angular and Material design over 6 months.
- Used the latest front-end technologies such as shared service and WebRTC, resulting in a 30% improvement in web development speed.

Technologies: Angular, RxJS, WebRTC, Angular Material, SCSS, Figma

Junior Software Developer

<https://sendajapan.com/>

August 2015 — January 2018 (2years 5months)

Senda Japan Ltd is a digital creative IT agency that has successfully completed numerous projects for clients across a variety of business sectors.

Achievements

- Completed more than 5 projects, including 3 eCommerce websites and 2 mobile apps used by over 4 million users.
- Contributed expertise to Ameba's development, ensuring a steady stream of the latest in celebrity news, manga, fortune-telling, and active blogging.
- Demonstrated capability in utilizing Django, MySQL, Python, React v15.0, and Node.js for efficient and effective software creation.

Technologies: React, Node.js, CSS3, HTML5, Figma, Python, Django, MySQL, NumPy, Pandas, SciPy, Postman



EDUCATION

Bachelor's Degree in Computer Science, Osaka University, Japan

March 2011 — May 2016