

Trevor Wood

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ABOUT

Full-stack engineer with 10+ years scaling SaaS, fintech, and AI products. Led teams to ship production apps in React/Next.js, Node.js, Swift, and AWS. Built high-traffic products (14k WAU) and a full crypto trading engine.

Core Skills: Next.js, React, Node.js, MySQL, AWS, Python, TypeScript, AI/LLM integration, Local Hosting, SEO

EXPERIENCE

VIVITA, Tokyo, JP — Full Stack Engineer / Lead Developer

OCTOBER 2019 - APRIL 2024 (4 Years, 7 Months) - Reactjs, Nextjs, Nodejs, MySQL, AWS, AI/LLM integrations, Blockchain

- Key task was to build & maintain a generic frontend/backend api that other teams could use to spin up their own projects rapidly.
 - Key Features
 - Users - Sign Up/Sign In - Change pass/email/username w/ SNS login options
 - Payments - Multi tiered Subscriptions & Onetime payments
 - Admin Panel - Full visibility of the platform with role based options
 - Full API docs
 - Auto deploy, auto scaling, scaling websockets w/ Redis
 - Image & File uploads and hosting.
 - User Notifications
 - Numerous other features
- Mar 2021 -> April 2024 (3 years, 2 months) - Vivita Base (Lead Developer) - Online Coding School for Children
 - Frontend, Backend, Admin Panel, Docs built from scratch (nextjs, reactjs, nodejs, mysql)
 - Programming, AI & Crypto courses (self-made)
 - Quiz & Coding challenges
 - Interactive educational tile game
- Aug 2020 -> Mar 2021 (8 months) - Viviboom (Lead Developer) - React Hooks w/ nodejs backend MySQL on AWS
 - Responsible for building this codebase from scratch
 - Completely automated deployment system. Frontend, Backend, Auto scaling & Auto updating versioned database.
 - Translation support in 6 languages
 - Has a frontend for users & an admin panel for staff
 - Children under 13 use this & post personal information so security is top priority.
 - Overseeing & coaching 3 interns who help contribute to this project.
- Oct 2019 -> July 2020 (10 months) - Admin Panel - React Hooks w/ nodejs backend MySQL on AWS
 - Built a react frontend and nodejs backend to allow our staff to manage the companies user database for students

Original Stitch, Tokyo, JP — Full Stack Engineer / iOS Engineer

JUNE 2018 - SEPTEMBER 2019 (1 Year, 4 Months) - Swift, Reactjs, Golang, MySQL

- Identified core blocking problem in Bodygram AI which allowed development to proceed
 - A team of 5 had been working on it for 6 months, while integrating Bodygram AI I noticed measurements were inaccurate. I explained that it's not possible to get accurate dimensions with just 2 parameters, a 3rd is needed (camera angle)
- Developed Customization Platform - Reactjs
 - Shirt Custom Order app.
- REST API - Golang
 - Shirt Rendering, added features to improve the rendering customization on the backend.
- Built an iOS app from scratch - Swift
 - Utilizes a 3rd party SDK
 - Utilizes our REST API
 - Full unit testing
 - Supports all iPhone screen sizes
 - Utilizes GyroScope & Camera to confirm our users camera was inside the specified angle requirements.

- Continued development on Sizing Flow App - Vuejs
 - When I joined Original Stitch, there was an app being developed that was about 90% finished. I came in and finished it along with adding additional features.

Hungri.io, Tokyo, JP — CTO / Full Stack Engineer / iOS Engineer

JANUARY 2018 - JANUARY 2019 (1 Year, 1 Month) - Swift, PHP, JavaScript, MySQL, AWS

- Hungri.io is a Venue discovery/menu app. A.K.A. Scan QR to view menu
- As CTO, co-founded and led technical strategy for 6-person startup
- Launched QR-menu + online ordering platform; onboarded 3 restaurants
- I was responsible for building the Frontend(jQuery), Backend(PHP), iOS mobile app(Swift) and DevOps(AWS - elasticbeanstalk).
- I worked on this 2-3 hours every weekday morning and 6 hours every weekend.

BizReach, Tokyo, JP — Mobile Engineer

JANUARY 2018 - JUNE 2018 - Java (Android), Swift (8 person team)

- Working 28 hours a week I added new features to both the iOS App and Android App since the previous engineer switched jobs.

JUNE 2017 - JANUARY 2018 - Java (Android)

- Working 24 hours a week I was able to keep the Android App on the same level as the iOS App who had a full-time senior engineer.

BizReach, Tokyo, JP — Software Engineer

OCTOBER 2015 - MARCH 2016 (6 Months) - JavaScript / CSS

- I was responsible for defining the element targeting ruleset for each website our search engine needed to crawl.

MyPhoneMD, Mandeville, LA — iPhone Technician

JANUARY 2010 - DECEMBER 2011 (2 years)

- High School Job - I repaired iPhone 3G, 3GS, 4 & 4S phones part time (roughly 12 hours a week).

PROJECTS

MythBlender.com — Owner / Developer

MAY 2024 - CURRENT/MAINTENANCE MODE - Reactjs, Nextjs, Nodejs, MySQL, AWS & Self Hosted API, AI/LLM integrations

- Generated 5-8 organic users/day from SEO-optimized content
- Designed and built AI Story generator
- Locally hosted off personal devices. Uses WebSockets for Live responses

Swiperino.com — Owner / Developer

NOVEMBER 2019 - CURRENT/MAINTENANCE MODE - JavaScript, PHP, MySQL

- Reached 14,000 weekly users with 99.9% uptime. 120,000+ lifetime users.
- SEO optimized to rank #1 since Mar 2020
- Auto deploy & auto scaling
- Peak Monthly revenue 10k USD. Average 7-8k USD net income for 4 years w/ minimal input

Dawipay.com — Developer (Demo - <https://trevorwood.com/projects>)

JUNE 2021 - MAY 2024 (3 years) - Reactjs, Nodejs, MySQL, Blockchain

- Full Trade engine with Order Books, Web Sockets & an API built from scratch
- Deposit & Withdrawal 5 PoW blockchains using HDKeys.
- Payments, including Webhooks and a JS SDK w/ sandbox env for testing
- Entirely self built (aside from used libraries)

Crypto Trading Bot — Owner / Developer

JANUARY 2021 - MAY 2021 (5 months)

- Pulls Kline data from multiple exchanges based on 1m,5m,15m,1h intervals
- Uses exponential regression to estimate the most likely cryptos to breakout in the next 12h window
- Has historical data backtesting
- Does terribly in bear & flat markets. Back testing shows 19,000x returns in an altcoin bullmarket (still waiting for an altcoin bull market to test it in)

Flashkase.com — Owner / Developer

JULY 2013 - May 2020 (6 Years, 11 months) - jQuery, PHP, MySQL, AWS

- First Solo project
- A flashcard website with study features similar to Anki & BrainScape.
- Fully built the frontend & backend from scratch in PHP & jQuery

Shut down due to lack of paying users

EDUCATION

Tokyo Technology Design Center, Tokyo, JP - Computer Science

APRIL 2015 - APRIL 2016 & APRIL 2017 - APRIL 2019

Tulane University, New Orleans, LA - Computer Science (Class Auditor)

AUGUST 2016 - APRIL 2017

Kai Japanese Language School, Tokyo, JP - Japanese

JANUARY 2012 - JULY 2013 & JANUARY 2015 - MARCH 2015

LANGUAGES

English (Native) | Japanese (Fluent) | Swedish (Beginner) | Italian (Gestures 🇮🇹)