TAKATA KEI

Full stack & Blockchain Engineer

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CAREER SUMMARY

Experienced full stack developer with a strong background in developing awardwinning applications for a diverse clientele. 7+ years of industry experience includes programming, debugging, and wireframes. Also, I handle tasks with accuracy and efficiency. I love to write code in a high-paced and challenging environment with an emphasis on using best practices to develop high quality software that meets project requirements, budget, and schedule. As a developer, enjoy learning new technologies and sharing findings with my colleagues.

WORK EXPERIENCE

Blockchain full stack Engineer
Digitalax
Nov 2021 - Feb 2022

- Built sophisticated smart contracts like staking marketplace offers, troubleshot production issues, contributed to gas fee optimization, and deployed into Ethereum mainnet.
- Migrated smart contracts from Ethereum to Polygon and existing assets (NFTs, offers, collections) to newly deployed contracts on Polygon.
- Performed a Web3 integration with the smart contracts on Next.js.
- Built subgraph endpoints to interact with the smart contract triggered events and deploy them into the graph protocol.
- Worked closely with other protocols like Rarible, Aave, and Compound.

Technologies:

Solidity Ethereum Polygon Web3.js Subgraph

Blockchain Full-stack Engineer
Looksrare
Feb 2021 - Oct 2021

- Built a front-end application for minting and staking NFTs using React and Web3.js.
- Contributed to a contract for NFT registration and redemption with Solidity.
- Created a POC Vue.js front-end platform for an NFT gallery using Moralis and Vue 3.
- Worked on the token distribution and migration from BSC to Polygon network using BscScan, PolygonScan API, and Solidity.

Technologies:

Blockchain Web3.js Solidity Ethers.js Moralis React Vue.js JavaScript

Blockchain Full-stack Engineer
Gelato Network
May 2020 - Jan 2021

- Developed automated trading strategies on Uniswap and QuickSwap.
- Built smart contract with solidity and deployed using Truffle.
- Used Flashbots API to fetch block info regarding trading pool and staking.
- Worked on building trading view, swap modal using React, Next, TypeScript, Webs.js, and Subgraph.
- Supported limit orders on the Ethereum Mainnet and Polygon (Matic).

Technologies:

Web3.js Solidity Blockchain Ethers.js React Ethereum JavaScript Ploygon

Angular Developer
Cave Consulting Group
Jan 2019 - Mar 2020

- Developed an Angular, RxJS, and Angular Material web app for managing user registration for seminars and webinars hosting in Firebase.
- Created a Node.js back end with Firebase cloud function and Firestore as the database while Google Storage was used as file storage.
- Took 100% responsibility for the project of planning, architecture, development, and deployment.

Technologies:

Angular Firebase Node.js JavaScript Material-UI Bootstrap Google API

Front end Developer
Holidu
Mar 2018 - Sep 2018

- Integrated Redux and MobX on a number of React-based front-end projects for the better state management of React components.
- Implemented a GraphQL-and-Apollo server for a React-and-Vue.js front-end data query.
- Created a new customized chart library using D3.js and Plotly.js.
- Embedded a Google tag manager and Google Analytics for the website conversion tracking and the user event tracking.

Technologies:

GraphQL React TypeScript Material UI

Full-stack Web Developer
Techno Pro
May 2015 - Dec 2017

- Worked as intern developer on Web and mobile application developments.
- Built out several websites with PHP, Node.js and Javascript frameworks.

Technologies:

jQuery JavaScript WordPress Node.js React Vue.js PHP

SKILLS

Full stack

HTML/CSS/SCSS

JavaScript/Typescript

React/Vue/Angular

Next/Nuxt/Gatsby

WordPress/Shopify

Node.js/ASP.NET

Python/Ruby/PHP

PostgreSQL/MySQL/MongoDB

AWS/GCP/Azure

Blockchain

Web3.js/Ether.js

Solidity/Rust

Hardhat/Truffle

Infura/Moralis

Eth/BSC/Polygon/Avalanche/Solana

PROFESSIONAL

Effective communication

Team player

Strong problem solver

Good time management

Fast learner

EDUCATION

MSc in Computer Science
The University of Tokyo
2011 - 2015

LANGUAGE

English (Fluent)

INTERESTS

Climbing
Swimming
Travelling
Photography