Yosuke Kuroki

Full Stack, Blockchain Developer

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SUMMARIZE

A high-skilled **Software Engineer** with 6+ years of experience in designing and implementing blockchain solutions and developing web. Successfully delivered multiple projects within strict deadlines and achieved high customer satisfaction. Adept at collaborating with cross-functional teams to develop innovative and scalable blockchain solutions for various industries.

RELEVANT SKILLS

❖ **Smart Contract Development**

★★★★★★★★★★ 10

Solidity, Rust, Move on EVM & SVM chains
(Ethereum, Solana, Aptos, Sui, Sei, Polygon, Base, Optimism ...)

❖ **Frontend Development**

★★★★★★★★★★ 10

Web3.js, Ether.js, Next.js, React.js, Vue.js, TailwindCSS, MUI, Figma

❖ **Backend Development**

★★★★★★★★★★ 10

Node.js, Dajngo, Flusk, GoLang, .Net, MongoDB, MySQL, PostgreSQL, GraphQL, Restful API, Fast API

❖ **Agile Project Management**

★★★★★★★★★☆ 9

Jira, Kanban, Git, Slack, Teams, Notion, Good Communication

WORK EXPERIENCE

Senior Full Stack Developer
Freelancing Development
03/2022 ~ Present

- ❖ Created launchpad site for a new SUI token, FISHCOIN and FISHNEF with NextJS, TailwindCSS, Move for smart contract, SuiKit for integration with Frontend.
- ❖ Developed Polygen NFT raffle site from scratch with solidity, hardhat, VueJS, NodeJS and MongoDB.
- ❖ Fork BRC20 launchpad from Luminex with Ordinal protocol, tapscript, mempool api, Bitcoin full nodes, and Bitcoin Core.
- ❖ Developed DApp game on Bitcoin Network with Bitcoin NFT, BRC721, Bitcoin Ordinals, and inscription.
- ❖ Created NFT Marketplace on multichain - Ethereum and Solana like as Opensea, with Solidity, Rust, Candy Machine -v3, Metaplex.

Senior Blockchain Developer
Lancers.Inc
03/2020 ~ 03/2022

- ❖ Implemented and designed smart contracts for the DeFi protocol
- ❖ Implemented large gas optimizations in underlying DAO governance, stablecoin yield generation, liquidity arbitrage functionalities, and integration of new LP pools for the regular coin peg maintenance, such as curve finance and Liquidity Protocol
- ❖ Developed a full-features Backend for testing the functionality of smart contracts.
- ❖ Helped to integrate Ethereum and ER20 tokens into an exchange that is currently being built. It included address generation, token listing, and basic wallet operation related to ether and tokens using Web3.js.
- ❖ Researched the use of permissioned blocks and IPFS.
- ❖ Developed smart contracts, and gave a review on Solidity smart contracts.

Lead Smart Contract Developer
Upwork.Inc
05/2019 ~ 03/2020

- ❖ Built token bridge chain which enables users to transfer tokens from Ethereum to Cosmos chain
- ❖ Added observer module which tracks the transaction from Ethereum and the Cosmos chain
- ❖ Wrote smart contracts on Solana and Cosmos chain for the pool using Rust, Anchor, and Cosmwasm
- ❖ Wrote smart contracts on Ethereum chain for the pool using solidity
- ❖ Built NFT marketplace on the chain using Cosmwasm
- ❖ Integrated Jenkins to git where the build triggers automatically when push a pull request for CI/CD
- ❖ Containerized applications using Docker: Created docker files, built docker images for microservices files to run Kubernetes Platform

WORK EXPERIENCE

Junior Web Developer

Xion Finanace
05/2017 ~ 05/2019

- ❖ Developed Solidity Smart contracts for 4+ projects Defi (Lending, Swap), NFT(meme, Niche NFT marketplace) on BSC, Polygon
- ❖ Creating, Compiling, migrating, testing & debugging smart contracts using truffle and hardhat
- ❖ Introduced the embedded wallet system to provide a user-friendly wallet integration system
- ❖ Worked on React v16 front-end stuff to implement components with Figma design
- ❖ Learn and participate in the Polkadot system and Polkadot.js to implement sub chains on Privi
- ❖ Fascinated by Solana blockchain and built several DApps like ICO/IDO, DEX platform, NFT projects including minting, staking, marketplace, and P2E games using Rust and Anchor framework
- ❖ Participated in one small Go back-end system to provide a state of smart contract which is stored by solidity events

LANGUAGE

- ❖ English
- ❖ Japanese

EDUCATION

🎓 Tokyo Institute of Technology

02/2012 ~ 06/2016

Bachelor of Science in Computer Science

PROJECTS

- ❖ *https://honey.finance/*

   This is one of the big project, I have built NFT lending/borrowing system on Avalanche/Solana. You can lend and borrow NFT from this site and the price comes from the NFT oracle
   - ✧ *Ethereum, Solidity, Lending, React*
- ❖ *https://app.bloodloop.com/*

   NFT Staking platform on Avalanche
   - ✧ *Solidity, Node, React, Twitter Integration*
- ❖ *https://360.foundation/*

   DeFi(Staking and Vesting) on Polygon
   - ✧ *Solidity, Node, React, Foundry*
- ❖ *https://www.enderprotocol.io/*

   DeFi on Ethereum
   - ✧ *Ethereum, Solidity, Lending, React*
- ❖ *https://www.luciaprotocol.com/*

   DeFi(Lending and Borrowing) on Ethereum
   - ✧ *Solidity, React*
- ❖ *https://incubate.io/*

   It is an NFT marketplace that forks from Opensea and operates on the Ethereum network. I built SC from Opensea smart contracts (Seaport) and BE on my side from scratch.
   - ✧ *Ethereum, NFT, Nest, PostgreSQL*
- ❖ *https://zoink.fomofactory.xyz/*
   Token Presale (Flare Network)
   - ✧ *Solidity, React, Node*
- ❖ *https://flaregods.xyz/*

   Nft Mint (Flare Network)
   - ✧ *Ethereum, Web3, Solidity*
- ❖ *https://doodlebunnyflr.live/*

   Nft Marketplace (Flare Network)
   - ✧ *Ethereum, React, Solidity, Web3*
- ❖ *https://tsphunt.xyz/*

   Nft Staking (Flare Network)
   - ✧ *Ethereum, React, Solidity, Web3*
- ❖ *https://tsphunt.xyz/*
   Nft Breeding (Flare Network)
   - ✧ *Ethereum, React, Solidity, Web3*