Ren Okamoto

Japan

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Summary

Highly-skilled Blockchain professional with hands-on experience building smart contracts and decentralized applications.

Software engineer, decentralized application architect, certified Blockchain developer with expertise in smart contracts and decentralized applications development, also web development as well. Having strong knowledge of Solidity, C++, Golang and Rust programming languages in particular. Has worked on blockchain projects as a developer, lead and consultant across numerous companies.

Smart Contract / Ethereum / Solidity / C++ / Golang / Rust / React.js / Node.js

EVM Integration / Decentralized Application Development

Skill Highlights

Technologies:	C++, Golang and Solidity languages for Smart Contracts, React and Vue frameworks for Decentralized Application development.
Front-end Development	React and React Native Framework, Redux for state management, Redux-Saga for side effects, NPM Development, UI/Unit Testing
Back-end Development	Node.js, Rust, Golang, C++, PHP
Others:	System Analytics, Crashlytics, third party SDK Integration, JIRA, Trello, Bitbucket, Github, Gitlab, Slack

Experience

Blockchain Lead Developer - 03/2020 to 02/2021
Ondream Software

Technical Scope: Ethereum, Smart Contract, Staking Rewards, DeFi, NFT, Cosmos SDK

- Built and launched Smart Contracts for Genesis NFT, Pode and Marketplace as well. I've used ERC-721 based NFT rather than ERC-1155.
- Also built Staking Rewards contract, so investors earn MONA tokens by staking NFTs and LP tokens.
- Kira Network provides various services like Auction, Staking, NFT etc, but I had worked on building Kira Hub (kind of Cosmos Hub) using Cosmos SDK.

Key Achievements:

- Genesis NFT
- Pode

- DigitalaxMarketplace
- StakingRewards
- Developed Kira Hub using Cosmos SDK

Blockchain Developer - 01/2020 to 12/2020
CIMB

Technical Scope: Ethereum, Smart Contract, Yield Farming, DeFi, NFT

- Launched ERC-20 based token xFUND as they have their own blockchain network. Implemented Staking mechanism. Forked from Synthetix StakingRewards contract.
- Developed and launched ERC-20 token yTSLA and implemented Yield Farming. yTSLA team had been joined to MEME's team of Elob Munk and we moved forward to launch NFT (ERC-1155 Dark Matter Ltd).
- Led the project from the start to end and developed LEASH token Defi protocol. LEASH token is tracking the price of 100 DOGE Coin. Forked from Ampleforth and contributed staking rewards contracts for yield farming pools. Also implemented token geyser for airdrop mechanism.

Key Achievements:
- Developed ERC-20 token and also Staking mechanism.
- Developed smart contracts as a Solidity developer and also contributed to the frontend using React.js.
- Developed Smart contracts for LEASH token and distribution modules.

Blockchain Developer - 05/2019 to 12/2019
Rackspace

Technical Scope: Bitcoin, BCH, Smart Contract

- Advised and supported the whole flow of development.
- Developed smart contracts for Digital Film Fund blockchain-powered investment platform that enables both established investors and the general public to participate in the funding of projects in the entertainment industry. Implemented to be able to make every transaction via the DFF platform can be tracked on the Blockchain.

Key Achievements:
- Digital Film Fund blockchain based platform.
- Advised team

Blockchain Specialist - 07/2018 to 05/2019
Grab

Technical Scope: Solidity, Python, Smart Contract

- Developed Smart Contract for CVR token as a Blockchain developer.
- Worked on building desktop Wallet using QML.
- Built DApps, software consisting of front-end and decentralized back-end.

Key Achievements:
- Smart Contract with Solidity and desktop Wallet with QML.
- Developed Dapps with Javascript Libraries

Fullstack Developer- 06/2016 to 07/2018
TopTal
- Cooperate diligently with other IT team members to plan, design, and develop smart solutions.
- Transformed existing software to correct errors, upgrade interfaces, and improve efficiency.
- Consulted regularly with customers on project status, proposals and technical issues.
- Implementing web design and development principles to build stable software.
- Built reusable code and libraries for future use.

Senior Software engineer- 09/2014 to 06/2016
F-Secure
- Liaise with network administrators, systems analysts, programmers, and other software engineers to resolve any defects in products or company systems.

- Knowledge of technology trends, including but not restricted to front end & back end technologies, Rapid Prototyping, Behavior Driven Development, trends in Social Networking/Media, Video and Streaming.
- Bringing mock-ups to life using JavaScript Libraries.
- Reduced build time of Vectorworks Nomad by 30% by splitting the app in to modules.
- Software design and development while remaining concentrate on client needs.

Lead Developer- 9/2012 to 09/2014
ITCAN
- Collaborated with co-workers to establish backend conventions, principles, and patterns.
- Design, develop, troubleshoot, debug, test, ensure browser compatibility, and implement website code by using PHP, Laravel and My SQL server.
- Investigation, design, and implement scalable applications for data identification, analysis, retrieval, and indexing.
- Improved app ranking and reviews from 3.5 to 4.8 stars after joining.
- Published 8 different apps for each of the company's products.

Education

Bachelor of Science: **Computer Science** 2008 - 2012
Matsumoto University of Japan(Matsumoto)