Hideyoshi

Full stack/Blockchain Engineer

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EXPERIENCE SUMMARY:

- Worked as **Full stack developer** at **AMPT** from November 2020 to March 2021
- Worked as **Research Analyst** at **Gammastack** from January 2019 to September 2020
- Worked as **Research Analyst and Blockchain Developer** at **TechRacers** from July 2017 to December 2018
- Have experience in providing blockchain based solutions to enterprises
- Worked on development and deployment of Smart Contracts, PHP, Ruby, Laravel, CodeIgniter, Symfony, NodeJs, VueJs, ReactJs, MySQL, MongoDB, PostgreSQL, Java, Swift, Kotlin, Android, iOS, Decentralized,Microservice based Applications
- Worked on developing scripts for build, deployment, maintenance and related tasks using Docker and bash
- Have experience with Ethereum based, Hyperledger Fabric and Hyperledger Sawtooth DApp development, and wallet development

CERTIFICATIONS AND WORKSHOP:

- IBM Blockchain Foundation for Developers by IBM on Coursera. Certificate earned in January 2019
- Certificate of Web Component Development using Java Technologies (ORACLE) in May 2014

WORK EXPERIENCE:

- **Project: Amplify (November 2020 - March 2021)**
  - ✦ **Description:**
    - ✦ A blockchain based exchanging platform development.
  - ✦ **Responsibility:**
    - ✦ Development frontend using React and web3.js & ethers.js.
    - ✦ Development of smart contracts.
    - ✦ Development of application APIs for the client-side to facilitate the blockchain interaction.
  - ✦ **Technologies:**
    - ✦ React, Node, Web3.js, Ethers.js, Solidity, Docker, Kubernetes, Bash, Forking Uniswap, JavaScript, Truffle, Git

- **Research (September 2020 - November 2020)**
  - ✦ Researching and exploring various blockchain technologies for development
  - ✦ Providing blockchain solutions with the complete white paper and yellow paper
  - ✦ Providing system architecture for blockchain based applications

- **Project: Rokk3r Labs (January 2020 - September 2020)**
  - ✦ **Description:**
    - ✦ A blockchain based document management system for enterprises.
  - ✦ **Responsibility:**
    - ✦ Setting up Hyperledger sawtooth nodes for the network.
    - ✦ Development of smart contracts for thenetwork.

- ✦ Development of application APIs for the client-side to facilitate the blockchain interaction.
- ✦ Integration of HashiCorp vault with Sawtooth CLI for keymanagement.
- ✦ **Technologies:**
  - ✦ Hyperledger Sawtooth, Solidity, Docker, Kubernetes, Bash, JavaScript, NodeJs, Truffle, Git

- ☐ **Project: Geoverse (March 2020 - September 2020)**
  - ✦ **Description**:
    - ✦ Wireless sharing marketplace using DLT
  - ✦ **Responsibility:**
    - ✦ Worked on the systems architecture diagram
    - ✦ Worked on POC

- ✦ **Technologies:**
  - ✦ Hyperledger fabric, GoLang, NodeJs, draw.io

- ☐ **Project: EchoLink (August 2018 - January 2019)**
  - ✦ **Description:**
    - ✦ A blockchain based system of verified education, skill and career information for individuals.
  - ✦ **Responsibility:**
    - ✦ Setting up blockchain nodes (POA).
    - ✦ Working with project developers to deploy their Dapps.
    - ✦ Testing networks TPS and stability.
    - ✦ Working on Solidity to develop distributed applications on Ethereum.
    - ✦ Developing token bridging application for swapping tokens between main-net and private chain.
  - ✦ **Technologies:**
    - ✦ Solidity, Ethereum, Parity (POA), Docker, AWS, JavaScript, jQuery, NodeJs, PostgreSQL, Git

- ☐ **Project: MessageBlockchain (July 2018 - December 2018)**
  - ✦ **Description:**
    - ✦ Media storing/sharing application over blockchain
  - ✦ **Responsibility:**
    - ✦ Working on Solidity to develop distributed applications on Ethereum
    - ✦ Creating smart contracts with file storage and sharing functionality
    - ✦ Creating web application using React and Redux that communicate with deployed Smart contract using web3.js.
    - ✦ Working on IPFS for storing/sharing media/documents in a distributed file system.
    - ✦ AES and RSA for encryption/decryption of keys and secret
  - ✦ **Technologies:**
    - ✦ Solidity, Ethereum, Metamask, Web3, IPFS, Truffle, JavaScript, ReactJs, Redux, Git, AES and RSA cryptography techniques

- ☐ **Project: EMR Storage (March 2018 - September 2018)**
  - ✦ **Description:**
    - ✦ A healthcare peer-to-peer EMR storage network
  - ✦ **Responsibility:**
    - ✦ Working on file storage and ownership management smart contracts
    - ✦ Developing token bridging application for swapping tokens between main-net and private chain
  - ✦ **Technologies:**
    - ✦ Solidity, Ethereum, Quorum, Web3, Docker, JavaScript, NodeJs, PostgreSQL, Truffle, jQuery, Git

- **Project: July 2018 - December 2018**
  - ✦ **Description:**
    - ✦ **ICOs-** Fundraising applications on blockchain
  - ✦ **Responsibility:**
    - ✦ Development of complete token and crowdsale smart contracts with the implementation of ERC20 standards provided by OpenZeppline
    - ✦ Generating ICO smart contract audit reports
    - ✦ Proper testing of smart contracts for production main net deployment
  - ✦ **Technologies:**
    - ✦ Solidity, Ethereum, Quorum, Web3, Docker, JavaScript, NodeJs, PostgreSQL, Truffle, jQuery, Git

- **Project: July 2017 - May 2018**
  - ✦ **Description:**
    - ✦ An Identity management application over blockchain
    - ✦ An application that enables the secure and scalable sharing of Compliance documents, at all times protecting the integrity of the process
  - ✦ **Responsibility:**
    - ✦ Creating smart contracts in Solidity on top of the Ethereum blockchain
    - ✦ Smart contract deployment using truffle
    - ✦ Working on IPFS for storing/sharing media/documents in a distributed file system
    - ✦ AES and RSA for encryption/decryption of keys and secret
    - ✦ Creating blockchain block parsers to store event data to local database and execute transactions
  - ✦ **Technologies:**
    - ✦ Solidity, Ethereum, Web3, Metamask, IPFS, JavaScript, NodeJs, ReactJs, GoLang, Truffle, Git, AES and RSA cryptography techniques

TECHNICAL SKILLS:

- **IT Skills:** Blockchain, Ethereum, Smart Contracts (Solidity), Geth, Docker, AWS, Hyperledger sawtooth, Hyperledger fabric, Parity (POA), Web3, Truffle, IPFS, NodeJs (ExpressJs framework), ReactJs, Redux, Redux Saga, Git, JSON-LD, PostgreSQL, MongoDB, HTML, CSS
- **Programming Languages:** Solidity, JavaScript, GoLang, C, C++, Java
- **Microprocessors:** Raspberry pi, Arduino Uno
- **Operating Systems:** Linux, Microsoft Windows, Raspbian

ACADEMIC QUALIFICATIONS:

Year	Degree/Certification	Institute	Percentage Secured
2013-2016	B. Tech (computer science)	Osaka University	8.23/ 10 (CPI)