Crystal Liang

Markham, ON

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Passionate software developer, with extensive hands-on experience with building web applications in ReactJS and smart contracts in solidity.

EXPERIENCE

SOFTWARE DEVELOPER – (AUG 2019 – PRESENT)
FINTELICS TECHNOLOGY INC. – Toronto, ON

Satoshi Art:
developing a Ethereum NFT marketplace web application and its related ERC1155 and marketplace smart contracts
- **ReactJS & Redux: developed the web application frontend**
  - Website: https://www.satoshi.art/
  - State management with **Redux**
  - User authentication with **JWT** and **Metamask signing SDK**
  - Ethereum network and smart contract interaction **with web3.js, ether.js and Metamask SDK**
  - Basic component styling with **Material-UI**
- **Solidity: developed the smart contracts with complex features including auction, drop of the day event, admin access, etc.**
  - Developed and tested the contracts with **Solidity, Truffle.js, web3.js**

AXIA:
developing multiple React applications and one ERC20 Ethereum smart contract
- **ReactJS: developed SSO site and a smart phone preorder site**
  - Website: https://sso.axiacoin.com/login?redirect_uri=https://telecom.axiacoin.com
    https://telecom.axiacoin.com
  - User authentication with AWS Cognito and Google OAuth – integrated using **aws-amplify**
- **Solidity: developed the ERC20 smart contracts with batchUpdate function to save admin operation cost**
  - Developed and tested the contract with **Solidity, Truffle.js, web3.js**

EZAT:
developing web console for a serverless logging tool
- **ReactJS & Redux: developed the web application frontend**
  - User authentication with **firebase**
  - State management with **Redux**
- Payment feature with **stripe**
- Basic component styling with **Bootstrap**

TECHNICAL SKILLS

Fullstack Development
- React
- Redux
- CSS
- Node.js

Blockchain
- Solidity
- ERC20
  ERC721
  ERC1155
- NFT Marketplace
- Truffle, Web3

EDUCATION

BASs - (2013-2016)
Bachelor of Applied Science with Distinction
Ryerson University
Toronto Canada