





Daniel Wan

BLOCKCHAIN AND FULLSTACK
DEVELOPER

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Passionate and skilled Blockchain and Fullstack Developer offering 8 years experience and a proven track record of success in achieving extraordinary results.

With a strong attention to detail and accuracy and the important ability to function well in a team setting, I am looking for a Frontend Developer job within a forward-moving company.

EXPERIENCE

Ghosfers, World Wide—

Blockchain and fullstack developer

<https://ghosfers.com>

April 2022 – June 2022

Ghosfers is a new blockchain game. Immerse yourself in a fantasy world that has never existed before. Ghostalia is the world where the magic blows through the wind. From different elements to different Ghosfers, there is nothing you won't find! A game for those who can't get enough of magic, strategy, and skill-based gameplay!

What I have done in this company?

- Launched GHSP tokens for Ghosfers game.
- Launched NFTs for Ghosfers game.
- Write smart contract for Token and NFT staking.
- Write test script for every smart contract.

What I solved in this project?

SKILLS

Solidity, Rust, Truffle, Hardhat, Web3, Ether.js, React, Vue, Angular, PHP, Python, Golang, React Native, Flutter, Swift, Object C, Java

LANGUAGES

Malay: Native

English: Full

- ✓ Smart Contract Development
 - ERC20, ERC721 Standards
 - Contract Test and Audit in development environment by using Truffle, Hardhat
 - Anti-Bot, Whitelist functions integration for Token
 - Wrap Token Contract development from BTC.
- ✓ NFT minting & staking, marketplace Development
 - Minting, Staking Contract on ERC721, ERC1155 standards on Ethereum, Polygon, Avalanche, BSC
 - P2E (Play to Earn) contract development
- ✓ Cross-Chain-Bridge Development.
 - Child Token, Bridge Contract development
 - Relay service integration (Moralis)
 - Well-made Cross-Bridge DApp development using react.js, web3.js, MongoDB

REALT, Florida USA — *Blockchain and Web3 Developer*

<https://realt.co>

December 2021 – March 2022

Real estate platform is a digital space where realtors, home sellers, and homebuyers can get in touch to make a purchase or rent contract for a real estate item.

What I have done in this company?

- Write smart contract for real estate platform
- Design the company official site using React
- Write structured code and maintainable project using React
- Show the location of house using google map
- Integrate with bank (Paypal, Payoneer etc.) API
- Save large store (> 5M) to the client browser
- Admin panel using Minimal client

<https://mui.com/store/previews/minimal-dashboard/>

What I solved in this project?

- Create upgradable contract using proxy
- Integrate smart contract code with Chainlink
- Launch RealT token
- NFT Market Platform Smart Contract, Frontend and

Backend

- NFT auction, airdrop for whitelist
- Optimize the **speed** of React project using **immutable** data structures
- Create and customize **react slider**
- Send invoice as PDF using **react-pdf**
- Integrate smart contract using **Web3**

DEPO, California USA — *Blockchain and Fullstack Developer*

<https://arc.market>

January 2020 – November 2021

DePo (ARC) is a decentralized multi-market aggregator and a trading terminal. It enables users to manage digital asset portfolios across multiple blockchains, platforms and markets utilizing a single dashboard.

What I have done in this company?

- Write Staking contract and test script
- Write Pool contract
- Write Swap contract
- Design the company official site using React
- Write structured code and maintainable project using React
- Draw chart using **react-charts-2**
- Create trading view using **react-ts-tradingview-widgets**
- Create animation using **react-spring**

What I solved in this project?

- Manage user role in smart contract (Staking contract)
- Stake and Reward in special token (Staking contract)
- Create SafeBEP20 contract implement IERC20 (Pool contract)
- Emergency withdraw (Pool contract)
- Deploy contract to the pool (Pool contract)
- Create a new ownable (Swap contract)
- Create accurate calculate functions (Swap contract)
- Implement Swap (Swap contract)
- Draw chart from real time data

- Create a new process to get data from API for real time data
- Solve **rendering** problem using react hooks
- Separate API **store** and chart **store** to draw chart in real time
- Get data via web **socket** for trading view
- Manage **virtual** DOM and **real** DOM in Trading view
- Create contract result as PDF using **react-pdf**
- Integrate smart contract using **Web3** and **ether.js**

Xero, California USA — DeFi/DApps/Web/App Developer

<https://www.xero.com/>

January 2017 – December 2019

Xero's online accounting software connects small business owners with their numbers, their bank, and advisors anytime.

Developed DeFi/DApps using React, Node, Golang, Web3.JS, etc

- Smart Contracts/NFTs development using Solidity, Rust, and Blockchain Tools like Opensea, Solana, Cardano, Ethereum/BSC/Tron, Polkadot, Polygon and so forth
- Implement pixel-perfect UIs using React, Vue and React Native for Hybrid Mobile apps.
- Golang, Node, Rust are frequently used.
- Web3.JS/Ethers.JS is a good fit for DeFi/DApp development.
- Projects
 - apy.vision
 - sushi.com
 - excoincial.co : Africunia Bank company
 - gridzone.io
 - sonicex.org/soxbet

Developed Web & Mobile Application

- Django/Flask, Laravel/CI for Backend development, React/Vue/React Native for Front-end

- mailerrize.com React + Django
- tabrabbit.com React + CI
- doorcoin Laravel
- vissla.com React + Django
- Created using Resumonk - Online Resume Builder
- vissla.com React + Django
- arviolidi.com Vue/Nuxt + Node
- React/React Native
 - <https://apps.apple.com/us/app/brewzer/id1367821694>
 - <https://apps.apple.com/ru/app/shopl/id1537901869>
 - <https://apps.apple.com/ru/app/hopprfy/id1547080969>

Apixel, Singapore — Fullstack Support

January 2015 – December 2016

<https://www.apixel.com.sg/>

Apixel is a provider of server, data security, theft prevention, backup and cloud solutions to businesses.

- Implemented stable React components and stand-alone functions to be added to any future pages.
- Designed CSS templates for use in all pages on the website working with CSS background, positioning, text, border, margin, padding, and table.
- Developed user interfaces by using ReactJS, Flux for SPA development.
- Used Web services (SOAP and RESTful) for transmission of large blocks of XML.JSON.
- Used OOP concepts to develop UI components that could be reused across the Web Application.
- Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on an everyday basis.
- Integrated third-party APIs, Twillio, Facebook, Spotify, Twitter, etc.
- Backend frameworks: Node/Express, Django/Flask are widely used.

EDUCATION

**University Teknologi Malaysia, Malaysia —
*Bachelor***

April 2011 - December 2014

Computer science and Mathematic