

Thomas Mullan

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SUMMARY

Creative and efficient **Frontend** and **Blockchain Engineer** with over 7 years of experience. Looking to take a part in a challenging project related to **Blockchain** and **cryptocurrencies**. I am familiar with **most JavaScript frameworks** like **React, Angular, Vue, Next and Nuxt**, and **PHP frameworks** which is very helpful to build **Blockchain** project and developed many scalable and high-performance blockchain projects. I have experience in developing **DApp, NFT Marketplace, DeFi, DEX, P2E game, WAX, DAO,Token, AI, Trading Bot** and many other **Blockchain projects**. Specially, I have the technical know-how to reduce gas fee and prevent attacking in developing **Smart Contract**. Provide clear, clean, readable, optimized, high quality code. I have an important ability to work well in a team environment and good experience in project version control such as **SVN, Git, Gitlab**, and **Bitbucket**.

EDUCATION

University of Helsinki / Faculty of Science | Helsinki, Finland

Bachelor of Computer Engineer | Computer Engineering April 2010 to March 2014

WORK HISTORY

NFsRealm | California, United States

Senior Frontend & Web3 Developer(**Fully Remote**) March 2021 to November 2022

-In less than two month, the **company website** was completed in which all functions were **perfectly guaranteed**.

-Everything from **initial research** and **concept design** to **testing** and implementation was determined and performed **independently**.

-Improve code **quality** and provide a more **stable maintenance environment**.

-**Communicated** and **coordinated** with our project **managers** and **colleagues** to achieve project

success in less than **two month**.

- Work with MERN, MEAN, MEVN stack and React Native for developing applications.
- Developed and deployed smart contracts for Token Bridge, Defi, NFT marketplace, NFT minting, and Crypto exchange utilizing React.js, Node.js, Web3.js, and Solidity.
- Responsible for creating Restful web services to server data to the front-end application in JSON format.
- Work on site pages using responsive design to make sure they look great on Desktop, Tablet, and Mobiles.

Mindly | Orlando, United States

Senior Frontend & Web3 Engineer (**Fully Remote**) April 2018 to November 2021

- **Applied hands on learning and agile development to build a full MERN, MEAN, MEVN** stack applications.

- Developed Unit and E2E test cases using Jasmine, Jest, Mocha and Grunt, Cypress and so on.
- Develops Healthcare and Medical Project using React(Redux& Flux, redux-saga, redux-thunk),

Material UI, Antd, CoreUI and other several UI frameworks

- Developed the Sass Platform using the **React, Next, Vue, Nuxt** and material UI.
- Developed the **Golang** backend with **web3.js** for the **crypto** payment system.
- Complete the Sass platforms using several bank API and third parts like mailgun, verify and so on(React and Angular: Scss, Tailwind-css, etc)
- Mint by user randomly **NFTs**, Upload the NFT arts and Traits(metadata) to **IPFS**.
- NFT minting** site on **Polygon** with **NFTs** using metaplex in Solana Network, random source engine.
- NFT game and BSC network with Truffle that can interact with metamask, DAO and DAPP for NFT.
- Smart Contract based on **ERC721**, **Metamask** integration, List the **NFTs** on **opensea.io**.
- Developed core marketplace Frontend and web3 integration**
- Managed deployment, **CI/CD**. Developed **multi chain** solutions

Nosto | Helsinki, Finland

Senior Frontend Engineer July 2016 to March 2018

-Analyzed business requirement to translate functional requirements into technical requirements and developed web application using **MongoDB, Express, Node JS and React JS/Redux (MERN**

stack). This project involves several features - employee management, discussing, communication tool, project management.

- Designed and implemented the data flow of the React application by wiring up **State Store, Components, Containers, Action Creators and Reducers**.
- Used **Axios** to call web **services/APIs** to fetch data from **backend** and render the data to data **store of Redux**.
- Involved in designing **MongoDB** schema and data access **service interacting** with **MongoDB**.
- Applied **JWT** and **Passport middleware** to **backend** for **Authentication** and **security** purpose.

Sulake | Helsinki, Finland

Frontend Engineer June 2014 to May 2016

- Created web pages using **HTML5, CSS3, JavaScript, jQuery, Ajax and Angular Used Axios**.
- Involved in designing and developing the web pages using **HTML 5, CSS3, JavaScript, Bootstrap, SASS, LESS, React JS, Redux, Flex, Node JS**,
- Implement modules into **Node JS** to **integrate** with **designs** and **requirements**
- Created** and **maintained** the **framework** and **layout** of each portal with **Cascading Style Sheets (CSS)**

SKILLS

Web Skills:

- * NodeJS/Express, React.js, Angular, Vue.js, Next.js, Nuxt.js, Nest.js, Web3 and so on.
- * LESS/SCSS/SASS, Twitter Bootstrap, Material Design
- * Ruby on Rails
- * Python(Flask, Django),
- * Golang, Rust
- * Elixir, Phoenix
- * SQL (MySQL, SQLite, Postgres), noSQL(DynamoDB, MongoDB, Firebase)* AWS, Heroku,
- * GIT, SVN (bitbucket/github/gitlab)

Blockchain Skills:

- ✓ Smart Contract, BSC, DeFi, in Ethereum, Solana, Wax, Polygon,
- ✓ DApps development ; Solidity/Rust + web3.js/ethers.js
- ✓ Integration with Crypto wallets such as Metamask.
- ✓ Creating an exchange Trading platforms with 3rd part liquidity API, Margin trading etc. like

binance.com, bybit.com, or Bitmex.com

✓ NFT marketplace, Defi/Dapp Development, DeFi Consulting (swaps, liquidity pools, borrowing and lending, yield farming, impermanent loss, governance tokens)

✓ NFTs (ERC-721, ERC-1155, ERC998, BEP20, BEP721, Flow, BSC, Polygon, Rarible, Opensea, Nifty, etc)

- ✓ ICO| STO| IEO- Developing from scratch + Marketing
- ✓ Smart Contract (ERC20 + ERC721, BEP20, BEP721) and Audit
- ✓ IOT solutions using blockchain such as in Farming
- ✓ Peer to peer platform
- ✓ Wallet development (HOT /COLD/ETHER/P2P/ ETH WALLET)
- ✓ Cryptocurrency Pricing Website
- ✓ Crypto Arbitrage
- ✓ Forking coin

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Top Proud Projects:

<https://nft.rdland.io>

<https://www.marbledao.finance/>

<https://cyberdreamers.io>

<https://xsurge.net/>

<https://www.pinksale.finance/>

<https://moonpay.com>

<https://cutscllothing.com/>

<https://bookinghealth.com/>

<https://umrahandalusia.com/>

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