Michael Carroll

Software Engineer

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Website - https://michaelc1999.github.io/MCarroll-Website/
GitHub Repos - https://github.com/MichaelC1999

My Stack

JavaScript, Solidity, Web3, Ethers.js, Express.js, React, Node.js, Mocha, Hardhat, MongoDB, Truffle Suite, Socket.io, EJS, MySQL, jQuery, CSS, Linux, Github, Axios

Professional Experience - 1 Year (Freelance/Contract work)

Maximum Processing Inc 6/2021 - 12/2021 Bradenton, FL, USA

- Contracted to help update older systems from Delphi to JavaScript.
- Built customized insurance management systems per client needs.
- EJS, Node.js, Sails.js, MySql.

Rede Namoro 1/2021 - 5/2021 Belo Horizonte, MG, Brazil

- Hired to make a dating application for Brazilian users.
- MERN fullstack application built from scratch (see DatingSite in "Projects").

Projects

En Eff Tee Marketplace (Solidity + Next.js) https://michaelc1999.github.io/NFT-Marketplace/

- Basic platform to mint and trade NFTs on the Ethereum Rinkeby testnet.
- Two smart contracts, one of which uses the Openzeppelin ERC-721 base.
- Ethers.js, Web3Modal, and Hardhat among Web3 tools used.

Staking dApp (Solidity) https://michaelc1999.github.io/staking-dapp-rinkeby/

- dApp that lets users stake Eth in return for MichaelCoin
- Includes a contract written for deposit management and a contract for the ERC-20 reward token.

MapApp (MERN) https://map-app-ylbrk.ondigitalocean.app/

- Application with a fully interactive map, markers, and posting.
- Full map navigation and a search bar to find specific places.
- Front-end uses React and MapBox, requests to Node.js REST API.

DatingSite (MERN) https://dating-site-template-tna4c.ondigitalocean.app/

- Dating app with profile creation, user matching, and messaging.
- Image uploading with custom image crop tool.

Design Practice Engine (React.js) https://michaelc1999.github.io/Design-Practice-Engine/

- Users practice HTML/CSS by building copies of a given wireframe.
- The user-written code is rendered live within the page.