# *Roland Matheson: JavaScript Web Engineer*

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Self taught JavaScript Web developer since April 2021. Currently using MERN stack (**MongoDB**, **Express**, **React**, **NodeJS**) to build web applications. Experience building and deploying small and large scale applications with teams. Passionate about using and learning the latest software technologies like blockchain and Web3.

## Skills

✓ **Programming Languages**: Javascript, HTML, CSS, Typescript, Solidity
✓ **Technologies/Frameworks**: React, NodeJS/Express, MongoDB, mySQL
✓ **DevOps**: Git, Linux CLI, CD/CI, Unit Testing, npm/yarn

## Projects

**Financially Intelligent NFTS, a DeFi Protocol for custom NFT management**      **Github**
**ETHGlobal 2021 Hackathon Won 2nd/3rd place from Sponsors, $5000 USD prize**
**Technology: Solidity, React, Hardhat, Figma, Ethers.js, Chakra UI**
Built the Frontend using React and Chakra UI. Was challenged to learn blockchain dApp development in 2 weeks. Used a Backend DB service called Moralis to display NFT metadata, connected Frontend to Backend with ethers.js API. Converted Figma mockup design to Proof of Concept React Application. Built in a team of 4 for the largest Ethereum Hackathon in 2021 with over 200 projects.

**Bastion Games, an e-commerce website built for a local hobby store in Canada Github**
**Technology: React, MongoDB, NodeJS/Express, Scryfall API, Cloudinary API** A gaming ecommerce website for a local business. Found it challenging to learn Full Stack MERN development. Uses Context API for state management. Built API Backend with Express and connected with React app Frontend on separate Heroku applications. Setup CD/CI on Heroku. Built in a team of 3.

**Donation-DAO , A censorship-free, decentralized crowdfunding platform**      **Github**
**Technology: React, Material UI, Figma, Moralis, MongoDB, Polygon, IPFS**
Users login with their wallet and can create Donation pages that are linked to a wallet address, they can also donate any cryptocurrency on the Polygon blockchain to each other. The app is hosted on IPFS and uses a Web3 backend service called Moralis. Setup CD/CI on Fleek. Built as an alternative to GoFundMe and Kickstarter. Created solo in 5 days for RoadToWeb3 2022 hackathon with over 2000 entrants.

## Work Experience

**Customer Service Representative (Telephone and Email)**
**Tasks:** Process on average over 200 calls per shift, helping customers with billing and technical issues
**Duties:** Working in a corporate environment, small teams and dealing with fast paced environment
**January 2012 - July 2016 -** Chilliwack, Canada - Convergys

## Education

**Work Simulation Program - Agile Methodology, Unit Testing, Typescript, Material UI**
Jan 2022 - Hatchways Career Accelerator Program
**Intro to Programming Foundations - HTML, CSS, JavaScript**
March 2021 - May 2021 - Code Chrysalis Programming Bootcamp, Tokyo, Japan
**Bachelor of Arts, Political Science, Language and Culture**
September 2016 - January 2021 - *Kwantlen Polytechnic University*, Surrey, Canada