Mason Balbera

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TECHNICAL SKILLS

JavaScript, React, Python, Solidity, Ruby on Rails, React Native, AWS, Next.js, Redux, CSS, Flask, Django, PostgreSQL, MVC

EMPLOYMENT HISTORY

Matter Product Studio, New York, New York
Vice President of Technology March 2022 - Present
Engineering Manager April 2022 - March 2022
• Managed a team of 7 direct reports and provided leadership to 26 employees at various levels of the organization, including those in managerial positions.
• Created an AI certification program empowering developers to seamlessly incorporate diverse AI tools into their workflows, leading to an increase in productivity and employee happiness.
• Established structure in the engineering department by creating set competencies and a career ladder
• Revised the engineering interviewing process to improve hire quality and doubled the size of our engineering team
• Increased company revenue by uncovering multiple process inefficiencies and created their respective solutions

Senior Full Stack Engineer, July 2021 - Present
• Created web and mobile applications using Javascript, Next.JS and React Native based on designs from Figma
• Architected a scalable and flexible backend using Ruby on Rails and AWS
• Leveraged Python and Django to create a backend hosted on AWS
• Unified customer experience by using an NPM package to send identical UI components to the web and mobile frontend
• Overhauled multiple client's development flow to improve consistency and predictability of engineering output
• Acted as team lead and project owner to maintain client vision and sprint cadence with internal and external teammates

AllocateRite - ForeSCITE, New York, New York
Full Stack Developer, May 2020 - June 2021
• Developed web and mobile applications using React, React Native, and Amazon Web Services (AWS)
• Implemented SSO Authentication with AWS Cognito on both web and mobile platforms
• Acted as the Product Owner to define the product vision, prioritize needs, and oversee team-wide development process
• Introduced A-B testing to create a UX/UI that increased user satisfaction and retention upwards of 20%
• Connected outside APIs Plaid, Stripe, etc. to allow clients to have secure payments and access to their portfolio holdings
• Led partnership and sales meetings alongside CEO to explain our product from a technical perspective to banks and VCs
• Created a financial aggregator with cross custodial analytics and stock trading functionalities

TECHNICAL PROJECTS

MicroBets -
A mobile sports gambling platform that utilizes a swipe based user interface to improve UX for new and experienced gamblers
• Utilized react-native to make an application that works both on iOS and Android platforms
• Built on a Ruby on Rails backend to manage gambling data from a real-time external API and user data from frontend
• Used device location services to ensure players were in legally allowed to use the application
• Originally implemented Redux to maintain a global state of the application but later refactored to Recoil

Crypto Lads -
An NFT collection minted using solidity designed by a graphic designer
• Used standard ERC-1155 to allow for more efficient trading
• Set up smart contracts to handle all sales of the NFTs with a 2% royalty
• Listed the collection on Opensea (the most popular marketplace for NFTs)

EDUCATION

Flatiron School - 2019
• Full Stack Web Development, Ruby on Rails and JavaScript Immersive Program

Binghamton University - Binghamton, NY 2014 - 2018
• B.A. Philosophy, Politics, and Law, Minor in Education