

# 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

Engineering Manager, April 2022 - Present

- 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