

Education

University of California, San Diego - B.S. in Computer Science

Graduated Dec 2021

Work Experience

Money Moves, Singapore - Co-Founder, CTO

Feb 2021 - Feb 2022

<https://moves.money>

MoneyMoves is a platform that helps users invest their cashback gained through shopping on our platform into the emerging blockchain market as well as robo-advisors. Participated in NUS Graduate [Research and Innovation Program \(GRIP\) Run 6](#).

- Designed the architecture and implemented the MVP web app using Django and PostgreSQL hosted on DigitalOcean's App Platform.
- Designed, implemented and maintained customer-facing APIs.
- Implemented a JavaScript widget on a partner merchant's site that increased impressions.
- Business strategy in the area of finding merchant partner acquisition which successfully acquired 5 local businesses as merchant partners.

Amili, Singapore - UX Designer & Project Management Intern

May 2021 - Aug 2021

<https://amili.asia>

- Managed tasks for the dev team ensure tasks meet their deadline while maintaining app functions.
- Reviewed feedback and analytics of the customer dashboard which showed a high error rate. Changed UI elements and placement which saw a reduction in error rate.
- Helped in the design of user journeys to accommodate different user goals for v2 of the customer dashboard. By finding similarities between user goals, I suggested some designs of UI placements of pages which saw v2 customer dashboard task success rate improve.

Side Projects

Sports Teammates For U - Django, ReactJS, Firebase - Software Architect

<https://stfu-90f02.firebaseio.com>

- Sports networking platform that connects users with teammates or opponents through sports.
- As a software architect, I decided that the team would use Django due to its fast development time to match our short deadline.
- ReactJS was chosen for the team to create an interactive application that will improve dev workflow rather than using vanilla JavaScript.
- Crafted the user experience on the platform through user journeys by matching specific React components that creates a smooth and interactive user experience.

Analytics App - JavaScript, NodeJS, MongoDB - Fullstack

<https://github.com/JasonAlexKaharudin/analyticsapp>

- Set up a basic web server using Apache to create an analytics app to answer the question "How many users are experiencing load times of more than 1000ms?"
- Created a script that collects load time and effective connection type using JavaScript objects: Window, Navigation and Timing.
- Used AJAX calls to my server with data collected when the user leaves the page for real-time data.
- Made use of ExpressJS to set up API endpoints quickly where I processed the data into MongoDB. Non-relational to fit the nature of data which is unique and specific.