

# Jason Alexander Kaharudin

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## Work Experience

### **StraitsX, Singapore - Software Engineer**

Aug 2022 - March 2023

As a member of the API & Tooling squad, I designed and developed RESTful APIs for product features, internal teams using Ruby on Rails and developed tools for internal teams.

- Developed pages on Retool using JavaScript which improved the efficiency of internal teams, reducing the engineering team support calls.
- Owned end-to-end feature development lifecycle from designing, implementation, creating test scenarios, conducting bug fixes and enhancements.
- Helped the team migrate our application into an application specific backend following Rails' service object design pattern.
- Used Datadog and Metabase to monitor and debug production systems using SQL queries and dashboards.

### **Money Moves, Singapore - Co-Founder / Full Stack Engineer**

Feb 2021 - Feb 2022

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 RESTful APIs for merchants.
- 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 - Project Management Intern**

May 2021 - Aug 2021

- 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.
- Helped in the design of user journeys to accommodate different user goals for v2 of the customer dashboard. Suggested some designs of UI placements of pages which saw v2 customer dashboard task success rate improve.

## Education

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

Graduated Dec 2021

## Projects

### **Analytics App - React, NodeJS, MongoDB - Fullstack**

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

- Developed a dashboard that tracks interactions with my personal website.
- Utilized Recharts to present actionable data, including button clicks, browser information, and page view duration, empowering users and myself to make informed decisions and enhance website interaction and engagement.
- Implemented data tracking by attaching scripts to my website, which sent the information to a server hosted on fly.io.
- Employed Express.js to create endpoints for data submission, and MongoDB to store and manage the collected data.