

Jackson Huang

Software Engineer

Asuncion, Paraguay (UTC -4)

+595 (983)183-333

jacksonh201325@gmail.com

<https://www.linkedin.com/in/jackson-huang-c/>

An experienced web developer with proficiency in RoR, Next.js (serverless), and PostgreSQL, I have spent 5+ years enhancing performance, securing/creating APIs, automating processes, and integrating external services. Keen to face new challenges, I constantly aim to broaden my understanding of diverse business structures and the unique problems they present. Driven by an insatiable curiosity to learn and grow, I strive to transform real-world ideas into impactful technological solutions.

EXPERIENCE

OneHQ, Software developer -- December 2019 - Present

- Create integration with external services AWS, SFTP, API to sync data from outside vendors into our systems
- Improve by 40% large data reports speed by analyzing with Explain Query then optimizing SQL queries according to each problem and applying creating materialized views, sharding, indexing, partitioning.
- Use metaprogramming to implement business logic functionalities in a separate app for better scalability and separations of concerns
- Secure 60% of the API endpoint providing extensive permission check before the user has access to assets using session and Pundit
- Create error diagnostic internal tool to easily monitor sync, with internal and external integration to easily understand the underlying issues of integration, that client success could use to rerun or evaluate the errors either because of incompatibility of information or just badly ordered data
- Automate 99% of the anonymization of personally identifiable data when the account is deactivated by using rake tasks and service worker.

Tech stack: React.js, Ruby, Ruby on Rails, PostgreSQL, Docker, Typescript

OCM, Software developer -- April 2019 - October 2022

- Optimized by 60% rendering time of top 10 most interacted and complex component (according to lighthouse) in load time by reducing re-reloading components, using react best practices.
- Improved client success productivity by creating a tool to analyze product and adding the ability to create custom reports to view and download them as they need.
- Added the of accessibilities features of the website by adding the aria-label and management of the keyboard movement
- Refactored class components into more developer friendly functional components and restructured the project to better understand the organization.
- Added endpoints in GO for features that clients needed
- Created new proprietary designed component using Next.js

Tech stack: GO, Docker, Next.js.

Oktana, Software developer -- November 2018 - April 2019

- Facilitated developer work by refactoring React.js code to the latest practices, changing from class to functional components.
- Integrated Salesforce into React.js.
- Used Jest and Enzyme to create unit and integration tests.

Tech stack: Salesforce, React JS

SKILLS

Programming Languages: Advanced: Ruby, Typescript; Basic: GO, Python, Rust.

Frameworks: Advanced: React.js, Ruby on Rails. Intermediate: Redux, Next.js

Database: Advanced: PostgreSQL; Intermediate: SQL.

Tools: GitHub, Gitlab, Jira, ClickUp, Slack, Teams, Confluence, Okta Manager, AWS, Sidekiq.

Languages: Native: English, Spanish; Intermediate: Mandarin Cantonese.

EDUCATION

University of Toronto, Mississauga, Canada- Undergraduate - Economics - 1.5 years

CERTIFICATION

Certificate of completion- Le Wagon Bootcamp - 2018