

Isaac Lee

📍 Los Angeles, CA

🐙 isaacylee.github.io

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🧠 SKILLS

Languages

JavaScript, Ruby, Go, SQL,
HTML/CSS

Frameworks

Express, React, Handlebars,
jQuery, Sinatra

Tools

PostgreSQL, MongoDB, Docker,
Git/Github, HTTP, REST APIs,
Webhooks

Cloud

Heroku, DigitalOcean (Droplets)

🎓 EDUCATION

**Launch School, Software
Development & Full-Stack Web
Development**

2020 - 2023

Multi-year mastery-based
software engineering curriculum.

Learn more at
<https://launchschool.com/employers>

**University of California, San
Diego, B.S. in General Biology;
Minor in International Studies**
2010 - 2014

👤 PROFILE

I am a software engineer based in Los Angeles, CA with multiple years of experience in JavaScript, Ruby, Go, as well as a variety of backend and frontend frameworks. I am a co-creator of SmoothSail, an open-source solution for the decoupling of deployment and release of new features.

🛠 TECHNICAL EXPERIENCE

Co-Creator, Software Engineer, *SmoothSail*

Oct 2023 - present

SmoothSail is a self-hosted, open-source feature flag tool designed for rapid feature development with minimized risks.

- Architected a full-stack application for the management of feature flags using a React frontend, NodeJS with Express backend, and PostgreSQL database.
- Led the implementation of the NATS Jetstream message broker server to provide reliable, asynchronous pub-sub messaging across components.
- Orchestrated the integration of the authentication process for SmoothSail's software development kits (SDKs) by leveraging the crypto npm package for encryption.
- Developed unit tests for SmoothSail's SDK Service using the Jest testing library.
- Authored a comprehensive case study on engineering decisions and challenges. Read more at <https://smooth-sail.github.io/#/case-study>

Software Engineer, *Self-Employed*

2020 - 2023

Developed numerous open-source applications including:

- Shoppr: E-commerce platform featuring a shopping cart. *Built using React, Express, Node.js, MongoDB.*
- RequestCrate: A RequestBin clone for capturing and inspecting webhooks. *Built using: Node.js, Express, React, MongoDB, PostgreSQL, DO Droplet, Nginx.*
- Gregslist: A web application that facilitates local transactions, services and discussions. *Built using Ruby, Sinatra, PostgreSQL, ERB.*

👤 PROFESSIONAL EXPERIENCE

Illumina, *Clinical Laboratory Technician III*

Dec 2016 - Jul 2021 | San Diego, CA

- Conducted DNA extraction and genotyping using liquid-handling robots and array scanners while ensuring compliance with CAP/CLIA and HIPAA regulations.
- Developed strong attention to detail and analytical skills while performing thorough reviews of diverse data points across multiple laboratories using Tableau dashboards as a member of the 'Data Quality Review and Investigations' team.