

ADAM LIANG

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LinkedIn

Github

New York City Area

SKILLS Ruby on Rails, Javascript, Typescript, Java, Kotlin, Next.js, React, Redux, SQL, Spring, Scala, Kafka, HTML/CSS, TDD

EXPERIENCE

Software Engineer II

Angi

Mar 2024 - Jan 2026

- Engineered and maintained multiple complex full stack systems consisting of **Kotlin**, **Spring**, **Next.js**, and **Ruby on Rails**.
- Designed and launched a scalable, event-driven recommendation microservice using Kafka to enable real-time, asynchronous communication across micro frontends and backend services, enhancing customer engagement and ensuring seamless integration across multiple systems.
- Led front-end performance optimization initiatives, reducing load times and enhancing UX by implementing caching strategies, state normalization, and Redux improvements—saving an estimated \$700K annually in developer productivity.
- Refactored and stabilized Cucumber, JUnit, Jest, and Capybara test suites to reduce flakiness and improve CI reliability while also building Grafana dashboards to surface key test and code quality metrics.
- Contributed to feature development and system stability across legacy **Java** and **Scala** microservices and monoliths, prioritizing low-risk changes, backward compatibility, and production reliability.

Software Engineer

Persado

Jan 2021 - Jan 2023

- Developed and maintained a full-stack application for 60% of current clients by using **TypeScript**, **React**, and **Ruby on Rails**.
- Optimized database performance by refactoring legacy code and utilizing PgSearch filters, resulting in over 80% reduction in load times (from 500 ms to under 100 ms).
- Maintained the codebases for two critical internal tools, minimizing errors and ensuring data integrity for user campaign data and generative AI.
- Contributed to a successful redesign of the main client product through collaboration with product, UI/UX, and data science teams. Utilized React, Highcharts, and Ant Design to create a more user-friendly and data-driven interface.

Software Engineer / Senior Technical Instructor

App Academy

Feb 2019 - April 2020

- Designed, implemented, and maintained a comprehensive **Ruby on Rails** and **React** curriculum, utilizing problem-based learning to boost student engagement and knowledge retention. Managed assets, delivered hotfixes, and created new tasks and modules to ensure a smooth learning experience.
- Managed over 200 students to develop full-stack single-page applications by providing technical and design instruction, extensive code reviews, and effective debugging techniques, leading to a significant increase in project quality.
- Developed and delivered interactive lectures about **React**, **Redux**, **Ruby on Rails**, and **Javascript** for classes of up to 70 students.

Software Engineer / Game Designer

The Glimpse Group

Sep 2017 - Jan 2018

- Developed immersive VR/AR applications in Unity 3D/C# to demonstrably engage potential investors. Showcased core company concepts and vision through product demos resulting in increased investment interest.
- Gathered and analyzed valuable user feedback through demos at game design communities and focus groups with students and other target audiences. Identified key areas for improvement and implemented changes resulting in a 20% increase in player engagement based on key metrics.

SELECTED PROJECTS

toobU | *React, Redux, Javascript, Ruby on Rails, PostgreSQL, AWS, Heroku*

[Github](#)

Single-page web application inspired by Youtube

- Created both front-end and back-end user authentication patterns in order to guarantee user privacy and security. Utilized React Router to ensure that users are properly authorized along with optimized data retrieval by engineering efficient ActiveRecord associations.
- Integrated AWS S3 Buckets to host video files and other large files so that users could upload their own videos onto toobU. User uploaded content is required to go through custom ActiveRecord validations before storage on AWS.

EDUCATION

- BA Computer Science and BFA Game Design** - New York University, 2017 (GPA: 3.4/4)
- Web Development** - App Academy, Fall 2018