

Lucas Rim

Last Updated on March 19th, 2024

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EXPERIENCE

JUUL Labs | *Sr. Software Engineer*

April 2022 – Feb. 2024

JUUL's web store is responsible for tens of millions of dollars in transactions annually. My team was responsible for subscriptions, excellent user experience, while also deploying one of the leading age verification processes in the world.

- Managed transition from Selenium to Playwright test suite to lower flakiness in our CI pipelines. Dramatically lowering deployment times,
- Updated several Rails endpoints around our pods subscription service to conform to JSON:API v1.1 standards, including our payment processing endpoints interacting with several payment processors, subscription building endpoints, and cart endpoints
- Deployed face capture technology using various vendors, tracking successful age estimates for account creation and store access, and oversaw the implementation of different vendors, tracking accuracy and conversion.
- Deployed a new static support site for sunset regions for the JUUL store.

Guaranteed Rate | *Software Engineer*

July 2020 – March 2022

Guaranteed Rate had several internal services for their loan officers to serve their customers, including offering a popular industry news bulletin/training platform.

- Developed QA tools for loan officers to go through required process steps with due dates to approve or deny mortgage applications.
- Deployed training video page for Agent Advantage, a training tool for mortgage officers to gain insights and industry news to improve their performance.
- Led team to begin transition from our clojurescript/Re-agent frontend to a modern TypeScript/React.js frontend.

Clearcover | *Software Engineer*

Sept. 2018 – July 2020

Clearcover needed an easy to use, understandable, and elegant frontend to sell one of the most complicated products in the world, insurance.

- Created and maintain the auto insurance policy selection form. Each option would have complete scenario descriptions of when users would be covered, and their limits. These differed on a state by state basis.
- Created an automated testing with third-party partners using Puppeteer.js.
- Maintained image service to generate PDFs with puppeteer and automate emails upon policy binding.

Detective.io | *Software Engineer*

July 2017 – Sept. 2018

Detective.io was a chrome extension to help automate several processes for BDR/SDR teams. It would fetch data from a user's Salesforce prospect and automatically search for insights on who to get into contact with.

- Designed user onboarding to highlight new features and familiarize users with the platform.
- Maintained Chrome extension in React for automating SDR/BDR workflows and Salesforce integration.
- Customized browser automation workflows to meet client demands.

ReviewTrackers | *Software Engineer*

April 2016 – July 2017

ReviewTrackers is an online reputation management software company that allowed clients to manage and reply online reviews. I was tasked with migrating frontend state management systems from React's flux to redux, automating creation of receipts and invoices using wkhtmltopdf, and using React Native to create an iOS app from idea to product in five weeks.

- Transitioned front end application from flux to redux.
- Created an email campaign platform for user-generated reviews.
- Developed Android and iOS apps in React Native, shipping v1 in five weeks.

EDUCATION

University of Missouri - Columbia

2013

B. Sci - Economics

SKILLS

Languages: JavaScript/TypeScript, Ruby, Go/Golang, HTML5, CSS3, clojure, clojurescript, Bash, L^AT_EX

Frameworks: Ruby on Rails, NodeJS, Express, Vue, React, Redux, zustand, next.js

Testing Frameworks: Selenium, Jasmine, Karma, Jest, react-testing-library, gotest, puppeteer, playwright, RSpec

Databases: SQL, MariaDB, ElasticSearch, MongoDB, PostgreSQL, Redis

Monitoring Tools: PagerDuty, New Relic, Runscope, Prometheus, Grafana

Version Control: Git, Github, Bitbucket, AWS ECR

Code Build Systems: Webpack, Maven, Jenkins, CircleCI

Infrastructure: Docker, Ansible, nix, Vault, Terraform, OpenVPN, Wireguard, Okta

Cloud IT: AWS(EC2, S3, SQS, SNS, Route53, IAM, ECS, RDS, ECR, Systems Manager, Lambda), GCE Compute, OAuth2 (Google Cloud, Microsoft Azure), Heroku, Cloudfront, Okta

Operating Systems: Linux, macOS, NixOS, Alpine, Ubuntu, Windows