

# LUCAS PAGAC

## FULL STACK SOFTWARE ENGINEER

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**SKILLS** JavaScript / TypeScript | Python | S3 | SQL | NoSQL | Redis | PostgreSQL | Prisma | Django | Flask | GraphQL | Next.js | React | React Native | Express | Node | jQuery | Git | Bootstrap | Tailwind | Chakra UI | HTML | CSS

## EXPERIENCE

### **Fair Square Medicare, Remote** - *Lead Software Engineer*

Fastest growing Medicare insurance brokerage in the United States.

May 2021 - Present

- Wrote Medicare plan optimization and ranking algorithm to find customers the best Medicare plans based on their health profile. The algorithm captures enrollment leads and serves as the mission and vision of the company. Shipping the algorithm resulted in savings of \$12,000/year by removing the need to pay for the service.
- Built and shipped the Health Atlas mobile app using React Native to allow healthcare administrators to instantly qualify leads by automating the process of manually researching a potential patient's health care coverage. Leverages Machine Learning via Google Vision API & OCR to scan patient insurance cards and return plan coverage information.
- Automated new customer enrollment and existing customer re-enrollment by designing and implementing the online enrollment feature, utilizing the full stack - spanning database, backend, and front end. The feature removes the prerequisite of requiring new customers to speak with a sales agent and accounted for 75% of 2021 customer plan renewals.
- Built Async transactional email queue by leveraging Redis. The queue enables the company to independently manage and track email communications and eliminates the reliance on MailChimp and other email services..
- Implemented SSO in 1 week by learning SAML, enabling FairSquare to become an identity provider to allow clients to access an insurance plan shopping hosted site.
- Directly collaborates with the CEO to design products and features to improve the customer experience.
- Mentors a junior engineer by providing code reviews, pair programming, and strategic project execution.

### **Rithm School, Remote** - *Full Stack Engineer Intern*

February 2021 - March 2021

- Integrated ordered form inside of a Django template for end users to rank partner preferences for pair programming exercises.
- Implemented Irving's stable-roommate algorithm to ensure optimization of pairing preferences.
- Wrote all model factories with Django's factory\_boy to streamline the testing process and presented a comprehensive testing strategy to increase testing coverage.
- Added email notifications using signals and Django's built-in admin views for important actions and events as UX enhancement.

### **Rothy's, San Francisco** - *Assistant Store Manager (August 2019 - October 2020), Sales Associate (April 2018 - August 2019)*

April 2018 - October 2020

- Created training materials for 40+ new hires nationwide.
- Oversaw and executed on staff recruitment, training, supervision, and evaluation.
- Sustained sales of \$60k per month as top seller for the company every month of employment

## EDUCATION

**Rithm School, Remote** - November 2020 - March 2021

**Loyola Marymount University, Los Angeles, CA** - 2013-2015