

# FELIPE QUIROS

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

**SKILLS** JavaScript, Python, React, Redux, Express, Flask, Node, CSS3, HTML5, PostgreSQL, MongoDB

## PROJECTS

**Intro | Music Store** (React.js, Redux, SASS, Firebase, Firestore, OAuth2)

[live](#) | [github](#)

*A minimalist e-commerce application that allows for a user-friendly full shopping experience.*

- Engineered a shopping cart React component that employed Redux to keep the cart items active across the entire site by continuously updating the central state of the application.
- Improved user experience by integrating Google sign-in to allow users for a faster log-in without typing credentials.
- Leveraged the Stripe API to allow users for a fast and secure checkout using any Visa, Mastercard, Amex and Discover card.

**BramaYoga** (MongoDb, Express, React, Node, OAuth2, Next.js)

[live](#) | [github](#)

*A full-featured role-based yoga blog organized by self-contained categories and tags.*

- Crafted user dashboard powered by logic auth validation to ensure privacy and handle access to blog writing.
- Implemented a fast and lightweight rich text editor by making use of the React-quill's component to give users the ability to create blogs easily.
- Upgraded app performance by wrapping it inside React Next.js framework resulting in faster loading times granted by prefetching all dynamic pages automatically.

**Rockinhood – Group Project** (VanillaJS, Node.js, Express.js, CSS, Pug, Postgres, Sequelize, D3.js, Bcrypt, JWT)

[live](#) | [github](#)

*A full-stack application that allows users to securely buy and sell company's stocks.*

- Generated watchlist and stock list by making HTTP requests to the Yahoo Finance API to generate the user portfolio info.
- Utilized D3.js library in conjunction with 3rd party data to plot stock and portfolio graphs allowing users to observe performance metrics and stock trends.
- Created custom methods to parse stock data for the last 30 day period to minimize request number and response size.

**Woofr** (Python, React.js, Redux, Flask, SQLAlchemy, AWS S3, Docker)

[live](#) | [github](#)

*A full stack app with Python back end and React front end that allow users to upload and comment images of cute puppies.*

- Designed, implemented and maintained a PostgreSQL database to manage all data between client and server.
- Made use of a reliable cloud storage system for the images by making use of Amazon's simple storage system S3.

## EXPERIENCE

**Audio Engineer and Sound Designer**

*Freelance and contractor – USA, Colombia, Brazil*

Jun 2015 - Oct 2019

- Designed, mixed and edited audio for a series of 5 documentaries developed by the Ministry of Culture Of Colombia in alliance with different non-profit foundations to show the customs and culture of the indigenous people of the Amazon.
- Engineered acoustic, industrial noise control and soundproofing projects design to adapt to ISO acoustic regulations.

**Pro-audio / Hi-tech and Operations Member**

*Guitar Center, LLC – Colorado/Georgia*

Oct 2012 - Dec 2018

- Monitored cycle counting of inventory. Achieved 90% shrink reduction through the execution of awareness procedures.
- Prevented monthly revenue loss by mentoring my team to improve daily cash handling secure practices.
- Achieved monthly, quarterly and annual sales per hour targets by 96% in average volume.

## EDUCATION

**Software Engineering - App Academy. USA | 2020**

- 1000-hour immersive software development course with less than 3% of acceptance rate.

**BS, Audio Engineering - Universidad San Buenaventura. Bogotá, Colombia | 2004- 2010**

- Recording arts, electro-acoustic systems, architectural acoustics.