

# Ricardo Persaud

Software Engineer

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I am a full-stack software engineer with experience in Javascript, React, Ruby, ruby on rails, Node, and Express. A lifelong learner with a background in finance, I enjoy keeping up with the latest trends and I strive to create meaningful solutions for consumers and stakeholders. My goal is to build clean accessible code that is both purposeful and scalable

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## Technical Skills

**Languages:** Ruby, Javascript, HTML5, CSS, Python

**Frameworks:** Ruby on rails, Reactjs, Nodejs, Expressjs, Sinatra, TailwindCss, Bootstrap

**Databases:** SQL, Postgres, Sqlite3, MongoDB

**Platforms:** Linux(Fedora36, Arch, Ubuntu, Manjaro), Windows

**Services:** Heroku, AWS, Netlify

**Methodologies:** RESTFUL APIs, SCRUM, AGILE, MVC, TDD

**Others:** Git, Linux Terminal, Google APIs, Firebase, Github, Version Control

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## Technical Projects

**Nitro Cabs:** [Official Website](#) || [Facebook Page](#) || [Local News Article](#) || [Android App](#)

A mobile taxi booking app built for a market where solutions like Uber are not viable due to high data consumption and low end devices are commonplace. ~3kb per page refresh. Close to 1K monthly active users and growing.

- Built with rails for front end/backend
- Provides user auth via Devise
- Monthly invoicing
- Third party WhatsApp API integration via Twilio
- Private interface for agents accepting cash payments.
- Messaging functionality between drivers and passengers
- Postgres DB

**Bug Tracker:** [Github](#)

Bug tracking application with front end and back end. Allows you to track bugs, update state and close out when closed. Accepts comments from various contributors.

- Rails API backend
- React frontend
- Postgres DB
- Full CRUD functionality
- RESTFUL API
- Utilizes Redux JS for state-management
- Styling with materialize CSS
- User authentication

**Garage:** [Github](#)

It provides a solution for keeping track of cars in a wish-list. Users can add create and update

- Built with Ruby as the main language.

- Applied Rails framework to provide both front and back end functionality.
- Employed a relational database to keep track of users and their associated data
- Used Object Orientation for encapsulation of data.
- Implemented Devise to provide user authentication.
- Executed conditional logic to check authorization before executing on DB.

#### **CLI Stock Scraper:** [Github](#)

Uses web scraping technologies to extract data from a website and provide it in a command-line interface.

- Utilized Nokogiri to retrieve stock information from MarketWatch.
- Applied Object Orientation principles to encapsulate data retrieved.
- Utilized conditional logic to provide options that go at least one level deep.

## **Work Experience**

**Janitronics Facilities Albany,**  
2020

New York Operations Manager 01/2018 -

- Reorganized staff to better address customer's needs resulting in a 40% reduction in service calls.
- Spearheaded a new training plan for new hires resulting in 35% less turnover per quarter.
- Created systems to reduce safety incidents resulting in lower insurance premiums for the company.

**T3- Contractor New York, New York**  
04/2017

Proprietary Desk Trader 02/2012 -

- Operated in Currency Exchange markets to capitalize on pricing inefficiencies to generate profits
- Formulated strategies to identify opportunities resulting in limited downside potential
- Implemented systems to protect positions against adverse market swings

## **Education**

**GED - PULSE High**  
2012

**Software Engineering -**  
2022

General Assembly