

Lorena Cardenas

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Professional Summary

Highly motivated Software Engineer with hands-on experience building full-stack web applications in Ruby and JavaScript frameworks. Prior experience in Quality Assurance has created versatility, strong communication and problem-solving skills, and agility to work on cross-functional teams in a fast-paced environment. These skills have led to a pursuit of code and a passion for lifelong learning.

Technical Skills

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|------------|---------------|---------|------|------------|
| JavaScript | Ruby on Rails | Sinatra | HTML | Redux |
| React | PostgreSQL | SQL | Git | RESTful AP |

Technical Projects

All-In-One - [Github](#)

Application for users to create contacts, notes and grocery lists.

- Integrated Fast JSON API gem to generate serializer classes and customize JSON rendering.
- Used Redux to store and manipulate data for components, avoiding multiple server calls.
- Developed front-end with React and Redux, creating functional, reactive code with Redux as state manager and Rails as backend JSON API.

My Groceries - [Github](#)

Single page application where users can create a shopping list through prompts.

- Implemented with modular code and object-oriented JavaScript classes to encapsulate related data and behavior.
- Utilized AJAX to ensure asynchronous interactions between client and server were handled in JSON format.
- Developed with Ruby on Rails API and vanilla JavaScript, allowing user experience interaction without page refresh.

Tutor-Time - Github

Content management system that allows users to keep track of tutor appointments.

- A full Ruby on Rails application developed using MVC design pattern.
- Designed database schema and Active Record associations to create relationships between data.
- Encrypted user's credentials and implemented authorization using OAuth to ensure validated access to application.
- Implemented user interface using Bootstrap framework for a simple-to-use application.

Work History

Biotronik, Inc

Lake Oswego, OR

Quality Assurance Specialist 3

10/2016 - Present

- Co-pilot creation of web application of standard operating procedures for visual inspection.
- Drive improvement projects including the development of improved inspection techniques.
- Perform internal audits; Obtain, analyze and evaluate department documentation, previous reports, data and flowcharts.

Natural Balance Inc.

Burbank, CA

Quality Assurance Supervisor

11/2012 – 10/2016

- Develop, validate, maintain and review food safety (HACCP), for sites to assure compliance with regulations.
- Assist with programs to include environmental monitoring, recall administration, good manufacturing programs and sanitation standard operating procedures.
- Identify food safety opportunities with sites, prioritize issues and lead resolution to drive sustainable improvements.

Advanced Bionics LLC.

San Fernando, CA

Record Retention Supervisor

09/2003 – 11/2011

- Collaborate with mechanical and electrical engineering to simplify the flow of information to ensure proper quality decisions can be made at every critical point within the quality process.
- Review and audit data, records, reports and documents for accuracy and completeness; identify, correct and resolve errors and discrepancies.
- Managed a team and successfully transitioned Record Retention from a paper-driven department to an electronic document management system.

Education

Flatiron School

11/2020

Software Engineering, Full Stack Web Development, Ruby on Rails, JavaScript