

## Lorena Cardenas

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### Professional Summary

Passionate Software Engineer with hands-on experience building full-stack web applications in Ruby and JavaScript. Background in Quality Assurance, brings versatility, strong communication and problem solving skills, and agility to work on cross-functional teams in fast-paced environments.

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### Technical Skills

JavaScript, Object-Orientated Programming, Ruby, Ruby on Rails, HTML, CSS, SQL, React Redux, Git, RESTful API

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### Technical Projects

#### All-In-One – [Github](#)

Application to create contact, 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.
- Programmed with React and Redux as state manager and Rails as backend JSON API.

#### My Groceries – [Github](#)

Single page application to create a shopping list

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

#### Tutor-Time – [Github](#)

Content management system 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 used OAuth to ensure validated access to application.

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### Work Skills

- Co-lead creation of digital work instruction to streamline SOP's and visual work instructions.
- Perform internal audits; Obtain, analyze and evaluate documentation, reports, data, and flowcharts.
- Develop, validate, maintain and review food safety (HACCP), for sites to assure regulatory compliance.
- Assist with programs to include environmental monitoring, recall administration, good manufacturing programs and sanitation standard operating procedures.
- Identify food safety opportunities, prioritize issues and lead improvement projects for the resolution and sustainable improvements.
- Collaborate with 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.

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### Work History

**Micro Systems Technologies**  
Quality Assurance Specialist 3

Lake Oswego, OR  
10/2016 - Present

**Natural Balance Inc.**  
Quality Assurance Supervisor

Burbank, CA  
11/2012 – 10/2016

**Advanced Bionics LLC.**  
Record Retention Supervisor

San Fernando, CA  
09/2003 – 11/2011

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### Education

Flatiron School  
Software Engineering, Full Stack Web Development

12/2020