

# Matthew Sandoval

## Senior Software Engineer

(626)536-8057

Rancho Cucamonga CA 91730

[mat24c@gmail.com](mailto:mat24c@gmail.com) [Portfolio](#) [GitHub](#)

## EXPERIENCE

### Senior Software Engineer, [Red Hat Inc.](#)

October 2024 - Present

- Improve and maintain [Receptor](#), a mesh network used by Ansible Controller to communicate between nodes.
  - Increased observability by adding Grafana Pyroscope client, qlog tracer, consistent IDs and improved debug logging.
  - Improved code confidence by increasing test coverage and refactoring code using polymorphism to enable mocks for unit tests.
  - Work with support and customers directly to resolve customer escalation as well as improve support protocols that shorten time to close escalations.
  - Mentor interns by building an onboarding plan, capstone epic, provide guidance and pair-programming.

### Software Engineer, [Red Hat Inc.](#)

April 2022 - October 2024

- Created a [collection](#) that automates industrial controllers using Ansible, a first in the industry. Article: [How to automate devices using the Ansible CIP collection](#)
- Created a [collection](#) that automates the image building process of RPM based OSTree operating systems. Article: [Ansible Validated Content: Introduction to infra.osbuild Collection](#)

### Associate Software Engineer, [Red Hat Inc.](#)

May 2021 - April 2022

- Built the [UI for Edge Management](#), a cloud based RHEL for Edge management product. Article: [Managing Red Hat Enterprise Linux devices at the edge](#)
  - Designed and managed feature epics from architecture, implementation and testing
  - Used React and PatternFLy to build the UI, wrote tests in Jest and Cypress, and used TravisCi and Jenkins for the CI/CD
  - Mentored and onboarded new UI engineers
  - Integrated webpack federated modules with Red Hat Insights platform
  - Guided a new team on using federated modules in order to have feature parity when Edge Management was absorbed by other Insights products.

## TECHNICAL SKILLS - 5 years of experience

Go, Linux, Ansible, Kubernetes, React, JavaScript, TypeScript, Python