

# Jonathan Zacarias

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## Summary

A passionate, dependable, and disciplined individual with full stack software engineering experience, and operations management experience. Has a Bachelor's degree in Computer Science, practical leadership experience, outstanding communication skills, and a lifelong learner and growth mindset.

## Experience

### Ally Waste

Jan 2019 - June 2023

#### District Manager and Tech Developer - Seattle, WA. June 2021 - June 2023

- Managed 15 west coast accounts, ~35 direct reports. Increased associate retention by 22% and reduced operational spending in the district by ~ 33%.
- App ideation and testing (user requirements analysis and user experience for "Ally" app), website building and SEO (www.allywaste.com), and Salesforce Admin - Increased client retention by 4% over 1 year.
- Took over 3 challenged accounts in other markets resulting in contract renewals for all. Equipment maintenance and repair resulting in \$21,000 cost saved over 1 year.

#### Technologies Intern - Phoenix, AZ

June 2021 - August 2021

- Identified useful data streams across company operations to then develop proprietary business tools for providing data driven insights to executive, sales, and operations teams.
- Worked with a third party developer to integrate data, developed knowledge, and techniques into proprietary company apps.

### University of Redlands IT Services

Jan 2019 - June 2022

#### UoR IT and Online Services Developer - Redlands, CA

Aug 2021 - June 2022

- Collaborated with DevOps head to resolve bugs and develop "Redlands API" features. Studied code base/ architecture, performed test cases, and did code reviews to create maintainable code and meet coding standards. Built web forms for budget requests from university departments.
- Planned and developed a new student portal with a focus on the student employment website, currently in use by the university for all student employees (Sharepoint, Knockout.js).
- Worked at the help desk with technical questions (networking issues, hardware repairs, software setup).

### Readiness and Acceleration Innovation Network (RAIN)

#### Project Team Lead - Tacoma, WA

Summer 2017, 2018

- Organized and coded for RAIN's 2017 and 2018 International Genetically Engineered Machine (IGEM) competition teams resulting in a bronze medal for the team in both years.

## Education and Training

### University of Redlands - Redlands, CA

2018 - 2022

Bachelor's Degree in Computer Science. Strong course load in mathematics. President of university programming club, member of Google DSC, participated in ICPC 2020 and 2021.

### 2024 Web Development Bootcamp

Summer 2024

Completed a course on current web development technologies and standards.

## Skills

### Programming Languages:

JavaScript (JSX, EJS, TS), Java, Python, HTML, CSS, C++

### Development Tools/ Platforms:

VS, Git, Git Kraken, GitHub, Dev Ops, Linux (RedHat, Ubuntu, Arch), ProxMox, many more.

### Frameworks/ Libraries:

React, React Router Dom, Express, Node, Passport, Axios, Flask, Pandas, many more.

### Databases:

PostgreSQL, PGAdmin 4, MongoDB

### Software Engineering/ Architecture:

REST/ RESTful APIs, GraphQL, wireframes, Agile model, code review, product engineering, system architecture, stakeholder collaboration, unit testing/ test cases.

### Teamwork, leadership, and Interpersonal:

Communication, accountability, empowering/ encouraging others

## Honors

Ally Waste Services September 2022 district manager of the month

2022 president's Achievement Award

First generation student "Juggler" award: (time manage many tasks and activities)

## Other

### Certifications:

2024 Web Development Bootcamp, W3Schools JavaScript, 2022 Salesforce Administrator, CompTIA Network+ in progress

### Languages:

Spanish, learning ASL

### Hobbies:

Grandmaster at Risk Global Domination, Vehicle mechanics/ flipping, Full stack projects.