

# Zach Stearns

## Software Engineer

[zach.stearns92@gmail.com](mailto:zach.stearns92@gmail.com) ❖ (303) 704-3100 ❖ Denver, CO

GitHub: [/Stearnzy](#)  
LinkedIn: [/zach-stearns](#)

---

Dynamic, empathetic problem solver with eight years of professional experience in the service industry and trained in back-end, test-driven software development. Looking to leverage my proven skills in multitasking, communication, and teamwork to solve real-world problems with the end user compassionately in mind.

### TECHNICAL SKILLS

---

- **Proficient:** Ruby on Rails, PostgreSQL, ActiveRecord, RSpec, Capybara, Shoulda-Matchers, Minitest, ERB, Sinatra, HTML/CSS, Git, Heroku, TravisCI, OAuth2
- **Novice:** Python, Flask, Pytest, Java, Spring, Node.js, JavaScript, React, Jest
- **Principles:** Test-Driven Development, Object-Oriented Programming, Agile Development, REST

### PROJECTS

---

#### Vivid

[Deployed Application](#) [GitHub Repo](#)

- Group full-stack dream journal application that saves and analyzes dream journal entries integrating the IBM Watson Tone Analysis API. Broken up into JavaScript Frontend, Java Backend, and Python Microservice.
- BE/Microservice Stack: Java, Spring, JUnit, Python, Flask, Pytest, PostgreSQL, Heroku, TravisCI

#### Relocate

[Deployed Application](#) [GitHub Repo](#)

- Moving application designed to help users settle into a new hometown. Consumes Yelp API to provide range of services to the user from Utilities to Recreation. 10-person group project integrating separate Frontend, Backend and Microservice repositories.
- Stack: Ruby on Rails, Sinatra, RSpec, PostgreSQL, OmniAuth, Bootstrap, Travis CI, Heroku

#### Sweater Weather

[GitHub Repo](#)

- Solo project building a versioned API exposing weather forecast, city image, and road trip calculation endpoints from three consumed third-party APIs.
- Stack: Ruby on Rails, ActiveRecord, PostgreSQL, RSpec

### EDUCATION

---

#### Turing School of Software and Design

August 2020 - March 2021

*Backend Engineering Certificate*

*Denver, CO*

- Accredited 2,000 hour coding program involving solo, paired and group projects primarily in Ruby on Rails, building applications from planning to deployment.

#### Metropolitan State University of Denver

August 2010 - May 2015

*Bachelor's of Science, Integrative Therapeutic Practices*

*Denver, CO*

- Holistic health care degree with education ranging from anatomy, physiology and pathophysiology to herbal medicine, Ayurveda, and Traditional Chinese Medicine.

### WORK EXPERIENCE

---

#### Farmhouse at Breckenridge Brewery

Spring 2015 - Summer 2020

*Cicerone Certified Beer Server / Server Trainer*

*Littleton, CO*

- Provided exceptional hospitality and service to patrons, providing craft beer and a seasonally-rotating menu. Trained 6-7 incoming servers per year to restaurant's high service standards with a high emphasis on teamwork.