

# ALEX RANDOLPH · Software Engineer

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## SKILLS

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|-----------------|-------------------------------------|-------------------------------|
| • Ruby          | • GraphQL                           | • RESTful Development         |
| • Ruby on Rails | • Postman                           | • Object Oriented Programming |
| • SQL           | • Bootstrap                         | • Test Driven Development     |
| • PostgreSQL    | • HTML/CSS                          | • GitHub                      |
| • APIs & JSON   | • Version Control (Git)             | • Heroku / Cloud Platforms    |
| • JavaScript    | • Continuous Integration/Deployment | • Agile/Scrum                 |

## SOFTWARE PROJECTS

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**Phast Phood** | [Front End Repository](#) | [Back End Repository](#) | [Heroku \(FE\)](#) | Team Project | 12 Day Timeline

**Tech Used:** Ruby on Rails | Rails API | Google OAuth2 | HTML/CSS | Bootstrap | PostgreSQL

- Applied conventional, readable, and maintainable code according to a service-oriented architecture design pattern
- Consumed, aggregated, and serialized data from two external APIs and exposed them to a front end through RESTful routes
- Maintained 100% test coverage through unit and integration tests with RSpec and rigorous edge case testing
- Designed a user friendly and accessible experience with HTML and Bootstrap/CSS and offer OAuth2 login through Google OAuth

**Sweater Weather** | [Repository](#) | [Heroku](#) | Individual Project | 5 Day Timeline

**Tech Used:** Rails API | Bcrypt | PostgreSQL | JSON | HTML/CSS | Faraday Gem | JSON | CircleCI

- Exposed a versioned API that aggregates data from multiple external APIs to streamline data access and reduce time to find forecasts and relevant information
- Maintained site and user security with a User table with encrypted password storage and a unique API key through sign-up and login endpoints
- Determined completion criteria based on the needs of another development team
- Deployed application to the Heroku cloud platform and utilized CircleCI for Continuous Integration

**PupTrainer** | [Repository](#) | [Heroku](#) | Team Project | 14 Day Timeline

**Tech Used:** Rails API | GraphQL | PostgreSQL | GitHub Actions | React

- Deployed a GraphQL API to Heroku with Continuous Deployment and GitHub Actions for Continuous Integration
- Optimized resolve methods for error handling and edge cases
- Developed a robust test suite using RSpec with 95% test coverage
- Customized type fields to allow for object relationships to be accessible in any request

## EXPERIENCE

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**Ace on the Fax, Warehouse Operations Manager**, Denver, CO

April 2018 – Jan 2022

- Managed 15 Sales Associates leading the warehouse and product organization and retention operations for a retail store that averaged over one million dollars a year in revenue
- Collaborated with upper management & ownership as well as floor and department managers to ensure effective work flows and cross department task completions
- Optimized shipment receiving and stocking strategies that supported record breaking sales during the COVID pandemic
- Organized monthly donations to Habitat for Humanity and the Stout Street Foundation

**Mile High Recovery Center, House Manager & Recovery Coach**, Denver, CO

Feb 2019 – Jun 2021

- Managed a men's sober living home with an average of 8 residents through effective conflict mediation and team building
- Collaborated through effective written and verbal communication with Medical and Psychiatric staff to ensure highest level of care, and most effective strategies for individual residents
- Maintained the houses C.A.R.R. certification through adhering to quality, access, choice, and code of ethics standards
- Led one-on-one and group recovery coaching with a multi-cultural and diverse individuals focusing on inclusion, empathy, and understanding

## EDUCATION

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[Turing School of Software and Design](#), Denver, CO

January 2022 - August 2022

- 1700+ hours of programming experience over 7 month intensive software development program
- Federally accredited by ACCET Backend Software Engineering Certificate

## VOLUNTEER WORK

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Code the Dream

August 2022 - Present

- Group and Individual Mentor and Assignment Review