

# ALEX RANDOLPH · Back End Engineer

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## SUMMARY

Driven and empathetic back end software engineer dedicated to developing high quality applications and meeting people where they are at. I thrive solving complex and multifaceted problems through collaboration, persistent learning, strong communication, and analytical thinking and always believe no problem is unsolvable.

## SKILLS

- |                     |                         |                               |                      |
|---------------------|-------------------------|-------------------------------|----------------------|
| • Ruby              | • Postico               | • Consuming/Exposing APIs     | • Project Management |
| • Ruby on Rails     | • HTML/CSS              |                               | • Agile Workflows    |
| • Rspec/TDD         | • Bootstrap             | • RESTful Development         |                      |
| • Active Record/SQL | • GitHub                | • Object Oriented Programming |                      |
| • Postgresql        | • Version Control (Git) | • Code Base Deployment        |                      |
| • Postman           |                         |                               |                      |

## SOFTWARE PROJECTS

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

- Applied conventional, readable, and maintainable code according to a service-oriented architecture design pattern
- Consume, aggregate, and serialize data from two external APIs and expose them to a front end through RESTful routes
- Maintain 100% test coverage through unit and integration tests with Rspec
- Design 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

- Expose a single, versioned API that aggregates data from multiple external APIs to streamline data access and reduce time to find forecasts and relevant information
- Implement a User table with encrypted password storage and a unique API key through sign-up and login endpoints
- Determine completion criteria based on the needs of another development team
- User authentication and authorization achieved through Bcrypt/password digest for secure user data in database

### Viewing Party | [Repository](#) | [Heroku](#) | Partner Project | 7 Day Timeline

- Consume multiple endpoints of an API for the first time
- Utilize a Facade, Service, PORO organization pattern to abstract and encapsulate API calls
- User authentication and authorization achieved through Bcrypt/password digest for secure user data in database
- Employ HTML and CSS/Bootstrap to improve visual styling, user experience, and accessibility

## EXPERIENCE

### Mile High Continuing Care, 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

### Ace on the Fax, Warehouse Manager, Denver, CO April 2018 – Jan 2022

- Managed up to 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 completion
- Optimized shipment receiving and stocking strategies that supported record breaking sales during the COVID pandemic

## EDUCATION

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

Jan 2022

- 1700+ hours of programming experience over 7 month intensive software development program

Accredited Backend Software Engineering Certificate