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
- Ruby on Rails
- Rspec/TDD
- SQL
- Postgresql
- Bootstrap

- HTML/CSS
- Postman
- Postico
- GitHub
- Version Control (Git)
- Consuming/Exposing APIs

- RESTful Development
- Object Oriented Programming
- Code Base Deployment
- Project Management
- Agile Workflows
- Service Oriented Architecture

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 incapsulate 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
- Nationally accredited Backend Software Engineering Certificate