

Jacob Piland

Software Developer/ Engineer

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Skills

- Ruby
 - Ruby on Rails
 - SQL via PostgreSQL
 - ActiveRecord
 - CI (Hound & Travis)
 - RSpec
 - Capybara
 - TDD
 - Git/GitHub
 - APIs (Build/Consume)
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Projects

Bulk Discounts - 7 day - Solo extension of a group project that used Ruby on Rails, PostgreSQL, ActiveRecord, CSS styling and Bootstrap, and a GitHub workflow to add bulk discounts to a fictitious e-commerce website.

[Deployed Application](#)

Rails Engine - 7 day - Solo project centered around building/exposing a RESTful JSON API to industry standard (JSON API 1.0). Tools: Ruby on Rails, PostgreSQL, ActiveRecord, Postman.

[Repo on Github](#)

Professional Experience

Brewer.....2020-2021

Batch Brewhouse and Bugroom, Austin, Texas

- Collaborated with a small team to create, design and process raw ingredients to execute over 100 unique beers from grain to glass
- Maintained and cultivated mixed cultures, restructured workplace to increase productivity while operating 10bbl electric brewhouse
- Organized ingredient logistics with local agriculture producers to formulate and construct seasonal recipes
- Developed and implemented inventory protocol that cut down on waste, reduced shipping costs and reduced pinch points in the supply chain

Brewer/Head Cellarman.....2015-2020

Blue Owl Brewing, Austin, Texas

- Helped start first All Sour Mashed Brewery in the US from the ground up
 - Managed and scheduled a small team in day to day operations, including: fermentation, production, packaging and distribution for product that was shipped across the country
 - Operated 30bbl steam powered brewhouse that produced almost 3000 barrels a year, responsible for process improvement and equipment maintenance/upkeep
 - Acted as the main line of communication between teams, participated and led weekly meetings
 - Established and audited training processes and SOPs then coordinated implementation across multiple departments including production and logistics
 - Spearheaded Research and Development team responsible for recipe design, crafting test batches, as well as leading the Mixed Culture Barrel Program
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Education

Turing School of Software and Design, Denver, CO

Back-End Engineering, 2021 *Currently Enrolled*

Accredited Object Oriented Programming School with Ruby and Ruby on Rails focus

The University Of Kansas - Lawrence, KS

Bachelor of Arts Psychology & Business Minor
