TYLER RIEHL

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Professional Summary

Full Stack Ruby on Rails Engineer with deep experience building and scaling marketplace and SaaS applications. At BoxedUp, I led development of a fully functional rental marketplace using Rails, Hotwire (Turbo/Stimulus), React, and PostgreSQL. I spearheaded key product initiatives including a dynamic storefront builder, real-time API integrations, and performance improvements through UX enhancements and database query tuning. Contributed directly to **$5M+ in pre-seed funding** through product execution, growth experimentation, and UX-driven development. Passionate about delivering clean, user-focused features in tight collaboration with design and product teams.

Relevant Experience

Full Stack Developer - BoxedUp Inc   Jun 2022 - Present

Ruby on Rails (RoR), ActiveRecord, Hotwire (Turbo & Stimulus), StimulusReflex, React, Tailwind CSS, ViewComponent, PostgreSQL, Redis, Stripe, Devise, Pagy, RSpec, Ransack, AWS, CodeCommit, Git, ESBuild, Figma

Marketplace MVP & Rails Architecture

- Built the end-to-end **e-commerce marketplace** using Ruby on Rails and Hotwire including product catalog (PLP/PDP), cart, checkout, quote requests, and user account management.
- Owned feature delivery from backend modeling and query optimization to frontend interactivity using **Turbo Frames** and **Stimulus controllers**.
- Contributed directly to the company's first **$2.2M pre-seed** round through MVP execution.

Platform Evolution & Performance

- Assisted in the architectural split of monolith into two standalone Rails apps, enabling white-label SaaS expansion.
- Built a **storefront builder using React** which allows customers to customize their product listing/detail pages dynamically with real-time previews.
- Implemented **infinite scroll** and **PostgreSQL query optimizations**, cutting product listing load time by 75% for large customers.
- Secured a **second $2.8M pre-seed** raise by shipping core SaaS functionality and supporting revenue-focused feature development.

Growth Features & API Integrations

- Designed and integrated an external API alongside Google Maps to provide suppliers real-time inventory tracking within their dashboard.
- Connected analytics tools like FullStory to landing pages to capture user behavior and improve onboarding flows.

Lead Engineer - Raytheon Technologies, Tucson AZ   Nov 2019 - Jun 2022

Bash, Python, Matlab, LabView

- Designed and executed jet engine qualification test plans, authoring **Python/Bash scripts** to parse real-time telemetry and automate post-run analytics which reduced manual log review time by 60%.
- **Authored qualification test procedures** and executed full hardware qualification cycles for advanced propulsion systems.

Software Engineer - Belcan Engineering Services, Cincinnati OH   May 2016 - Nov 2019

C, Python, SCADE, NPSS, Linux

- Developed and maintained engine control logic and models for LEAP engines, using **NPSS, C and Python**.
- Promoted to **Operations Director** of a $42M+ FAA hardware qualification program for the KC-46 hose/drogue refueling system, overseeing 3 test teams across daily testing, reporting, and cross-vendor coordination.

Education

University of Cincinnati, Cincinnati OH   May 2016

Bachelors of Science Aerospace Engineering