

## Professional Summary

Full Stack Ruby on Rails Developer with a proven ability to rapidly master new technologies and drive high-impact product development. Brought leadership and problem-solving skills from a prior career in aerospace engineering and quickly applied them to lead the buildout of two fully featured applications at BoxedUp. Spearheaded core product features, including a dynamic storefront builder with React, real-time API integrations, and performance optimizations through UX and database tuning. Directly contributed to securing over \$5M in pre-seed funding. Highly collaborative and focused on delivering clean, scalable features in fast-paced environments.

## Relevant Experience

### Full Stack Developer - BoxedUp Inc

Jun 2022 - Present

*Ruby on Rails (RoR), ActiveRecord, Hotwire (Turbo & Stimulus), StimulusReflex, React, Tailwind CSS, ViewComponent, Postgres, 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 **Postgres** and **Hotwire's Turbo/Stimulus controllers**.
- Contributed directly to the company's first **\$2.2M pre-seed** round through MVP execution.

#### Platform Evolution & Performance

- Built a **storefront builder using React** which allows customers to customize their product listing/detail pages dynamically with real-time previews.
- Assisted in the architectural split of monolith into two standalone Rails apps, enabling white-label SaaS expansion.
- Implemented **infinite scroll** and **Postgres 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, Fortran*

- 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

*Bachelor of Science Aerospace Engineering*