

## Dan Healy

Staff Backend Engineer  
Portland, Ore. & Remote

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dan-healy

🏠 Engineer with a product mindset, driven by the mission.

🏗️ Architect archetype (<https://staffeng.com/guides/staff-archetypes>): technical + organizational leadership.

👥 Emphasis on mentorship & growing teams.

💎 Ruby developer since 2007. Open to Elixir, Go, Python, GDScript.

## Experience



🛒 dutchie  
(<https://dutchie.com/>)  
📅 2021 - Present  
📍 Remote

### Staff Software Engineer

- Technical lead for e-commerce catalog team, guided 8 ICs to independently deliver projects.
- Mentored, coached, and code paired with dozens of engineers across the company.
- Led strategic planning for integrating catalog domain features through merger with LeafLogix Point-of-Sale (<https://business.dutchie.com/post/dutchie-acquires-leaflogix-greenbits-and-closes-200m-series-c>), balancing complex catalog data source of truth business rules through the combined systems.
- Collaborated with Product team counterparts and internal stakeholders to align feature roadmaps with a long-term architectural strategy. Project to support multiple product photos demonstrated collaboration across ETL, catalog, back office and consumer menu teams.
- Collaborated with Sr. Management to rollout a new, bias-reducing interview stage, training dozens of engineers in its use. The format has been used to interview over 100 candidates, both IC & EM.
- Conducted over 70 interviews with IC & EM candidates.
- Excelled in communication with a diverse team, fostering trust and safety.



🛒 dutchie  
(<https://dutchie.com/>)  
📅 2019 - 2021  
📍 Remote

### Senior Software Engineer II

- Developed code architecture for Point-of-Sale catalog ETL system with 20+ integrations (<https://slashdot.org/software/p/Dutchie/integrations/>), such as Cova (<https://www.prnewswire.com/news-releases/cova-pos-and-dutchie-partner-to-enable-consumers-to-order-cannabis-from-home-301024912.html>), using Ruby. The system powers realtime menus for thousands of retail locations & billions in GMV.
- Implementation & continuous improvement of the data model for the industry's most comprehensive product catalog, using Rails, React, PostgreSQL & MongoDB - 10m+ menu products & 200k+ curated idealized catalog products.
- Automated catalog connection system using Elasticsearch relevancy matching.

- Standardized Rails API & Dry-RB (<https://dry-rb.org/>), code patterns used in several services.
- Independently developed essential internal tooling for the catalog and ordering systems, enabling efficient support & triage.
- Proactively addressed urgent escalations, including system outages and performance issues.



Qualified.io  
(<https://qualified.io/>)

2019

Remote

### Senior API Developer

- Created interview assessment workflow integration with Bamboo HR's ATS (<https://www.bamboohr.com/applicant-tracking/>), using AngularJS 1.7 & Rails API.
- Improved performance and stability of assessment search by creating an Elasticsearch bulk reindexing task.



Thrillcall  
(<https://www.crunchbase.com/organization/thrillcall>)

2010 - 2018

SF & Remote

### Software Developer

- Reported directly to the non-technical CEO, facilitating product development.
- Shipped an Apple TV app using RubyMotion (<http://www.rubymotion.com/>), and Apple's TVML (<https://developer.apple.com/documentation/tvml>), working closely with the design team.
- Created a Rails API for event data, used by the mobile & TV apps and external customers including Myspace.
- Added ETL integrations for ~25 event/ticketing sources (REST APIs & web scraping), including StubHub.
- Designed a data pipeline using AWS SQS (<https://aws.amazon.com/sqs/>), and DynamoDB (<https://aws.amazon.com/dynamodb/>), for long-term storage of real-time ticket pricing. As of mid-2018, the database contained 3 billion pricing records.
- Full-stack consumer-facing integrations with ~10 third-party services including Spotify, allowing users to match their listening data with their favorite artists on our site.
- Social integrations for artists & venues, including a Facebook Canvas tab for listing events and a Hootsuite-like product for cross promotion.
- Front-end work included responsive redesigns, SEO, and admin tooling.

## Past



Pillar Data Systems

2006-2009

FPGA & Firmware Engineer



NASA Ames - CTAS

2005

Software Intern



UC Santa Cruz

2002-2006

B.S. Computer Engineering