

Dan Healy

Staff Backend Engineer
Portland, Ore. & Remote

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in beyondludus 👤 danhealy

📄 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 using a complex tech stack including Ruby on Rails API, Sidekiq, React, Node.js, GraphQL, Elasticsearch, PostgreSQL, MongoDB, Heroku, AWS.
- 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 across many teams. Project to support multiple product photos demonstrated collaboration across ETL, catalog, back office and consumer menu teams.
- Conducted over 70 interviews with IC & EM candidates. Collaborated with Sr. Management to rollout a new, bias-reducing interview stage, training dozens of engineers in its use.
- Mentored, coached, and code paired with dozens of engineers across the company. 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 real-time 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 using Ruby, Rails, and MongoDB for the catalog and ordering systems, enabling efficient support & triage.
- Proactively addressed urgent escalations, including system outages and Rails/MongoDB/PostgreSQL performance issues.






 [Qualified.io](https://qualified.io/)
(<https://qualified.io/>)
o/)
 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)
(<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 Rails ETL integrations for ~25 event/ticketing sources (REST APIs & web scraping), including StubHub.
- Designed a data pipeline using Sidekiq, 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 Rails & Javascript consumer-facing integrations with ~10 third-party services including Spotify. Social integrations for artists & venues for cross promotion. 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