

# John Baylor

Berkeley, CA

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**OBJECTIVE** A wide-ranging position building cutting-edge systems in elixir or ruby using agile development methods.

**SUMMARY** Software engineer with broad experience and excellent teamwork skills. Experienced with multiple software platforms, languages, and tools. Committed to creating robust, scalable software that is maintainable for the long term. Successful in handling difficult problems with persistence, creativity, and thorough analysis.

**SKILLS** Ruby, Elixir, JavaScript, HTML, CSS, shell tools, LISP, C  
Terraform, Rails, Phoenix, JQuery, git, Postgres, MySQL, AWS

## EMPLOYMENT HISTORY

**August 2018 – July 2020 Senior Software Engineer**

**HotelTonight / Airbnb San Francisco, CA**

**Technology: Ruby, Rails, Terraform, AWS, CI Pipeline**

- ❖ Built and maintained portions of [HotelTonight](#), as a member of the Platform Team
  - Collected tax rates from Avalara for 20+ states to correctly pay hotel taxes.
  - Added support for 2FA and Sift fraud detection.
  - Secured and maintained site infrastructure with Terraform: ELBs to ALBs, DNS and Caching limits, S3 access, ECS ingress/egress, RDS performance.
  - Participated in the SRE on-call rotation.
  - Laid off, May 2020, in a 25% RIF.

**November 2017 – May 2018 Senior Software Engineer**

**LeTote San Francisco, CA**

**Technology: Ruby, Rails, Elixir, TDD, RSpec, GitHub, AWS, Redis**

- ❖ Integrated the [LeTote](#) clothing rental service with a Chinese joint venture.
  - Extracted hard-coded US-specific integrations into adapters for CN-specific integrations.
  - Extended Fulfillment-Center elixir code to handle CN use cases.
  - Made site visits to Fresno, California and Shenzhen, Guangdong (March, 2018).
  - Laid off, May 2018, in a 50% RIF.

**December 2014 – September 2017 Senior Software Engineer**

**Fond/AnyPerk San Francisco, CA**

**Technology: Ruby, Rails, Node, MySQL, TDD, RSpec, GitHub, AWS, Redis, Redshift**

- ❖ Brought HR perks and rewards to small businesses with [Fond.co](#).
  - Created personalized bulk emails and personalized home pages for our users.
  - Built a data warehouse for our Data team.
  - Implemented and extended the AnyPerk web site and AnyPerk SlackBot.

**November 2012 – November 2014 Senior Software Engineer**

**Razoo Global San Francisco, CA**

**Technology: Ruby, Rails, Kanban, TDD, MySQL, RSpec, GitHub, AWS, Redis**

- ❖ Raised funds for 501c3 non-profits by extending and supporting [razoo.com](#).
  - Practiced Kanban-style development with a mix of code reviews and pair programming.
  - Optimized the import of IRS 501(c)(3) data by 85% over the previous implementation.

**Technology:** Ruby, Rails, Pairing, TDD, PostgreSQL, RSpec, GitHub, JQuery, Redis

- ❖ Iterated on test-driven features for the [RPX site](#) and numerous internal web applications.

- Supported the production sites and ongoing cron jobs.
- Pair programmed on-site at Pivotal Labs for my first two months with RPX; continued using much of the Pivotal methodology while at the RPX corporate office.
- Worked with the product management team to write user stories and estimate development effort in order to continuously deliver improvements across multiple applications.
- Wrote subsystems for integrating with a number of third-party data providers to import patent and litigation data. Extensively used Amazon's SQS, S3 and EC2 services.

**CatalogChoice.org**      **Berkeley, CA**

**Technology:** Ruby, Rails, MySQL, Cucumber, RSpec, PivotalTracker

- ❖ Added features to the front and back end of the [CatalogChoice.org](https://CatalogChoice.org) web site.
  - Implemented the front-end support for choosing a community-branded subdomain.
  - Added back-end support for community management and basic reporting.

**Aspera, Inc.**                      **Emeryville, CA**

**Technology:** Ruby, Rails, MySQL

- ❖ Enhanced the enterprise-installed Aspera Console transfer management application.
  - Added reusable scheduling functionality for repeating reports and backups.
  - Extended reporting functionality with XLS, PDF and CSV output formats.
  - Integrated existing system backup functionality into the UI.

**WildPackets, Inc.**                      **Walnut Creek, CA**

**Technology:** Ruby, Rails, PostgreSQL

- ❖ Took the lead on the Rails portion of the WatchPoint network analysis tool.
  - Used test driven development (TDD) to add application features in Ruby and JavaScript.

**PayByTouch/Indivos**      **San Francisco, CA**

**Technology:** C++, C, Ruby, Rails

- ❖ Team lead on the C++ client side of the Pay By Touch biometric system.
- ❖ Proposed and implemented Ruby-based projects for prototyping and testing our product lines.
  - Used TDD to implement a major piece of functionality, simulating front-end Point-Of-Sale device interactions while also manipulating the back-end database.
  - Designed system extensions and implemented prototype applications using Ruby.
  - Built a Rails-based web application to expose monitoring data for production support.
  - Generated C++ and Java source code, and documentation, from Ruby and YAML.

**Jul 1999 – Dec 2000    Cybergold.com, Oakland, CA**

Jun 1998 – Jul 1999 SkyDesk/AtBackup, Berkeley, CA

Nov 1995 – May 1998 Advent Software, San Francisco, CA

**Feb 1986 – Nov 1995** ViewStar, Alameda, CA

**EDUCATION** Bachelors in Computer Science, University of California at San Diego, 1985

**INTERESTS** Swimming, blindfold chess, Go, juggling, exploring technology.

**PROJECTS** [Twitter-Bot](#), [Poker Calculators](#), [Periodic blog](#), and [many learning experiments](#).