

## **John Baylor**

Berkeley, CA

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510-418-8150

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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** Elixir, Ruby, JavaScript, HTML, CSS, shell tools, Perl, LISP, C++  
TDD, Rails, Phoenix, React, JQuery, GitHub, Postgres, MySQL  
MD5, HMAC, DUKPT and other encryption algorithms and tools

**HotelTonight / Airbnb**  
**Senior Software Engineer**  
**Ruby, Rails, Terraform, AWS**

**August 2018 – July 2020**

- Reduced fraudulent activity for [HotelTonight](#) by adding 2FA and Sift fraud detection.
- Corrected hotel tax rates by integrating with Avalara tax software.
- Improved the AWS site infrastructure using Terraform: ELBs to ALBs, Fastly and Route53 improvements, and S3 security lockdowns.

**LeTote**  
**Senior Software Engineer**  
**Elixir, Ruby, Rails, AWS, Redis**

**November 2017 – May 2018**

- Extracted hard-coded US-specific integrations into adapters for replacement with CN-specific integrations by our Chinese joint venture.
- Extended Fulfillment-Center Elixir code to handle Chinese use cases.

**Fond / AnyPerk**  
**Senior Software Engineer**  
**Ruby, Rails, MySQL, Redis, Redshift**

**December 2014 – September 2017**

- Designed and implemented personalized emails and home pages for our users.
- Built a data warehouse for our Data team.

**Razoo**  
**Senior Software Engineer**  
**Ruby, Rails, MySQL, AWS, Redis, Kanban**

**November 2012 – November 2014**

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

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### RPX

April 2011 – November 2012

#### Senior Software Engineer

Ruby, Rails, PostgreSQL, JQuery, Redis

- Imported patent and litigation data to the [RPX site](#) from third-party providers, using Pair Programming and TDD following Pivotal Labs' agile development process.

### Catalog Choice

Jan 2011 – Mar 2011

#### Senior Software Engineer

Ruby, Rails, MySQL

- Implemented community management and basic reporting for [CatalogChoice.org](#).

### Aspera

Jan 2010 - Oct 2010

#### Senior Software Engineer

Ruby, Rails, MySQL

- Expanded the feature set of the Aspera Console application, adding multiple reporting formats and report scheduling.

### WildPackets

Feb 2008 - Jan 2010

#### Senior Software Engineer

Ruby, Rails, PostgreSQL

- Lead the Rails development of the WatchPoint network analysis tool.

### PayByTouch / Indivos

Jan 2001 - Oct 2007

#### Senior Software Engineer

C++, C, Ruby, Rails

- Managed the C++ client-side team for the Pay By Touch biometric system.
- Introduced Ruby, and Rails, to the tech stack, for automated code generation, and for exposing monitoring data for production support.

### Cybergold

Jul 1999 - Dec 2000

#### Software Engineer

C++, C, Apache:mod\_c

- Improved passwords and general functionality for the site.

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

**INTERESTS** Swimming, blindfold chess, [Go](#), juggling, exploring technology.

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