

## John Baylor

Berkeley, CA

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510-418-8150

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**OBJECTIVE** A wide-ranging position building impactful systems in Elixir, preferably while using agile development methods.

**SKILLS** Elixir, Ruby, C++, JavaScript, HTML, CSS, Terraform, Kafka, RabbitMQ, Phoenix, Rails, React, Postgres, MySQL, Kanban, Scrum, Git/GitHub, Test Driven Development (TDD), Pair Programming

### CHRONOLOGY

- Elixir / LiveView (2017 onward) the web is fun again!
- Ruby / Rails (2005-2020) a beautiful language and amazing web framework.
- C / C++ (pre-2009) implemented bit-level algorithms on bare-metal data.

[Community](#) May 2021 – June 2022

**Senior Software Engineer**  
**Elixir, Phoenix, RabbitMQ**

- Wrote event-based microservices in elixir, often while pairing, to add features.
- Teamed with Twilio and telecoms for FCC-mandated TCR anti-spam system.
- Used Pivotal Tracker, agile practices, and a rigorous design process to build a resilient system atop AWS services.

[DealPath](#) October 2020 – April 2021

**Senior Software Engineer**  
**Ruby, Sinatra, React**

- Converted Angular components to React components, while improving them.

[HotelTonight / Airbnb](#) August 2018 – July 2020

**Senior Software Engineer**  
**Ruby, Rails, Terraform, AWS, Kafka**

- Reduced fraud 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](#) November 2017 – May 2018

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

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

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**Fond / AnyPerk** December 2014 – September 2017

**Senior Software Engineer**

**Ruby, Rails, MySQL, Redis, Redshift**

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

**Razoo** November 2012 – November 2014

**Senior Software Engineer**

**Ruby, Rails, MySQL, AWS, Redis, Kanban**

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

**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 while following Pivotal Labs' agile development process.

**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 / Manager**

**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.

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

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

**PROJECTS** [Pixels](#), [Kenken](#), [SF Food Trucks](#), [Twitter-Bot](#), and [many learning experiments](#).