

John Baylor

Berkeley, CA

john.baylor@gmail.com

510-418-8150

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

SKILLS Elixir, Ruby, C++, JavaScript, HTML, CSS, shell tools, Terraform
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++ (1985-2009) implemented bit-level algorithms on bare-metal data.

Community

May 2021 – June 2022 (30% [RIF](#): 40 of 130)

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 (25% [RIF](#): 1900 of 7500)

Senior Software Engineer
Ruby, Rails, Terraform, AWS

- 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 (35% [RIF](#): 50 of 140)

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.

[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.

(see [LinkedIn](#) for pre-2001 roles)

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

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

PROJECTS [Pixels](#), [Twitter-Bot](#), and [many learning experiments](#).