

John Baylor

Berkeley, CA

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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++ (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

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