John Baylor

Berkeley, CA   john.baylor@gmail.com   510-418-8150

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++
Rails, Phoenix, React, JQuery, Postgres, MySQL
Git/GitHub, Test Driven Development (TDD), Pair Programming

Community   May 2021 – June 2022
Senior Software Engineer
Elixir, Phoenix,

- Wrote event-driven microservices in elixir, often while pairing, to add features for our clients.
- 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.
- Optimizing activity feed performance with SQL, Ruby, and JavaScript.

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.

[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 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.

[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.

[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](#).