AMOS KING

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573.263.2278

Agile Practitioner l Thought Leader l Web & Embedded Developer

Agile software developer with 10+ years of success working with and leading teams to develop quality software under changing requirements. Able to rapidly utilize new, leading edge technologies. Proven track record in developing trust with customers and within teams.

Binary Noggin, Owner/Developer - St. James, MO August 2013 - Present

I work closely with customers as Agile practitioners to improve teams and products. I believe in building amazing software through an understanding of the "why" in the product. I find this "why" through constant communication and trust. Using test driven development and continuous delivery of working software that exceeds expectations and provides constant value is my priority.

Technical Summary

Languages: Elixir, Erlang, Ruby, Javascript, Java

Software/Tools: Rails, RSpec, Nerves, Phoenix, SideKiq, Resque, Node, Spring, HAML, Angular, Cucumber, Ruby-FFI, Resque, jQuery, SASS, Eclipse RCP, Mina

Databases: PostgreSQL, Oracle, MySQL, MongoDB, Redis

Projects

Concordia Publishing House *2017*

- Built and tested open source component to generate PowerPoint files
- Mentored on Agile development practices
- *tech*: Ruby, RSpec

Procore *2015 - 2016*

- Contributed to subsystems of large construction management platform
- Mentored Developers and QA in Agile and development practices
- *tech*: Ruby, Rails, Resque, SideKiq, RSpec, Elixir, PrincePDF, PostgreSQL, Elixir

Mercy *2014 - 2016*

- Contributed to rewrite of hospital/clinic patient portal
- Maintained legacy patient portal
- Wrote provider directory application for patients to find doctors
- Advocated better development and Agile practices
- *tech*: Ruby, Rails, Node, Angular, Java, Spring Roo, CoffeeScript

Rolla Municipal Utilities *2014*

- Planned and developed SCADA monitoring for water and power
- *tech*: Ruby, Ruby-FFI, Slim, RSpec

Liaison *2013 - 2014*

- Increased velocity and quality
- Managed a team of five subcontractors leading to successful multi-year contract
- *tech*: Ruby, Rails, RabbitMQ, RSpec, Capybara, PostgreSQL, HAML, jQuery, Resque

The Able Few

Senior Ruby Developer - St. Louis, MO February 2013 - August 2013

Asynchrony Solutions

Lead Software Engineer - St. Louis, MO July 2007 - February 2013

Select Projects

Software Apprenticeship Program, Creator *2012 - 2013*

T1D - myglu.org, Tech Lead/Team manager *2010-2012*

- *tech*: Ruby, Rails, MongoDB, HAML, SASS, RSpec, Cucumber

Logistics Management - US Transportation Command - US Air Force, Senior Developer *2009 - 2010*

- *tech*: Java, RAmos

ACE, Senior Developer *2008 - 2009*

- *tech*: Oracle, MySQL, TestUnit, Shoulda, Webrat, Javascript

Mako Navy Chat, Developer and Customer liaison *2007 - 2008*

- Customer liaison and software tester on board
  - USS Rodney M Davis - Frigate *2008*
  - USS Alexandria - Nuclear Fast Attack Submarine *2009*
- *tech*: Java, Mina, Eclipse RCP

Additional Career Experience

- US Postal Service - St. Louis, MO, Developer *May 2006 - July 2007*
- US Geological Survey - Rolla, MO, Developer *April 2005 - May 2006*
- Quantiverge, Inc - Springfield, IL, Developer *January 2006 - December 2011*
- Missouri Air National Guard - Jefferson Barracks, MO, Technical Sergeant *July 1999 - July 2012*
  - Managed Staff
  - Produced training materials
  - Installed and Managed Equipment
  - Deployed in support of Operation Iraqi Freedom **April 2003 - August 2003**
  - Ground Radio and Satellite Communications Technician

Education / Awards / Presentations

- University Of Missouri - Rolla - BS Computer Science, Minor Mathematics 2006

Awards

- Missouri Commendation Medal
- Air Force Commendation Medal x 2
- 2006 Time Person of the Year

Speaking/Presentations

- ElixirDaze 2017 - Live Like a Hippy
- Ruby Remote Conf 2015 - The Route Less Traveled

Organization/Affiliations

- This Agile Life St. Louis, MO, Podcast Host *August 2012 - Present*
- STL Elixir - Saint Louis, MO, Organizer *February 2017 - Present*
- STL Ruby - St. Louis, MO, Organizer *January 2012 - Present*

Open source

- Maintainer
  - GrovePi - Elixir hardware library
  - backpack-ht16k33 - JS library for LED matrix for Tessel
  - Riposte - rubygem
- Contributor
  - Elixir, ElixirALE, Phoenix

What other's say

...natural mentor and leader, and I feel honored to have learned from
him. — Leah Russel

...humble and approachable...invests time in making me better at
my job — Martina Vassileva

I also value his ideas for working as a team and for great
communication. Our conversations motivate me to be a better coder
and a better person, and provide the tools to do so. — Melch Chun

Amos is an inspiring leader and exceptional personal contributor. —
Oz DiGennro

LinkedIn   Github   Blog