

AMOS KING

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Agile Practitioner | Thought Leader | 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 an Agile practitioner to improve teams and products. I believe in building the best 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: Prospec, Rails, RSpec, Nerves, Phoenix, SideKiq, Resque, Node, Spring, HAML, Angular, Cucumber, Ruby-FFI, Resque, Jquery, SASS, Eclipse RCP, Miva

Databases: PostgreSQL, Oracle, MySQL, MongoDB, Redis

Projects

Toyota Connected

- Build Elixir back-end to Toyota ride sharing
- Work with other developers on testing and implementation of features
- Pushed for changes to help increase communication
- tech: Elixir, Docker, Prospec, GraphQL

Schneider Electric 2018

- Build Elixir back-end for Network Management Controller
- Work with other developers in growing Elixir knowledge
- Create interactive shell and commands for users
- tech: Elixir, Docker, SMTP, Prospec, Nerves, Yocto

Smartvent 2017

- Build a Zwave protocol handler using ElixirALE
- Mentored developers in TDD and OTP
- tech: Zigate, Zwave, Elixir, OTP, Nerves, Phoenix, HTTPoison, ElixirALE

Concordia Publishing House 2017

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

Procore 2015 - 2018

- 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 - 2018

- 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, REX, CoffeeScript

Rolls Municipal Utilities 2014

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

Litwin 2013 - 2014

- Increased velocity and quality
- Managed a team of five subcontractors leading to successful multi-year contract
- tech: Ruby, Rails, Rake/RMQ, 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 - mygl.org, Tech Lead/Team manager 2010-2012

- tech: Ruby, Rails, MongoDB, HAMM, SASS, RSpec, Cucumber

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

- tech: Java, RARmos

ACE, Senior Developer 2008 - 2009

- tech: Oracle, MySQL, TestUnit, Shoulda, WebRat, Javascript

Make Navy Chat, Developer and Customer Release 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 2008 - July 2007
- US Geological Survey - Profile, 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

Speaking/Presentations

- ElvirOaze 2018 - Hardware Without Hardware or Lightning Without Lightning
- ElvirOaze 2017 - Live Like a Hippie
- Ruby Remote Conf 2015 - The Route Less Traveled

Organization/Affiliations

- KC Elvir - Kansas City, MO, Co-Organizer, November, 2018 - Present
- [Elvir, Cullins](#) Podcast Host April 2018 - Present
- [This Audio Life](#) Podcast Host August 2012 - Present
- STL Elvir - Saint Louis, MO, Organizer February 2017 - August 2018
- STL Ruby - St. Louis, MO, Organizer January 2012 - August 2018

Open source

- Maintainer
 - BambooConfigAdapter - Runtime configuration for Bamboo Mailer
 - GrovePi - Elvir hardware library
 - SceneKeypoint - Keypoint for use with Elvir's OpenGL Scene library
 - backpack-H19K33 - JS library for LED matrix for Tessel
 - Rpgdata - rpgygm
- Contributor
 - Elvir, ElvirALE, Phoenix, Shoehorn, Propcheck, Cachex, Absinthe

What other's say

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

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

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 - Procore

Amos is an inspiring leader and exceptional personal contributor. - Os DiGenno - Liaison

[LinkedIn](#)

[Github](#)

[Blog](#)