Jacob Walker

Portfolio and Blog: **http://jacob-walker.com**

» Objective

With over 6 years of experience, I am pursuing a role in Development or Operations with an organization running large distributed systems.

» Contact Information

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Professional Profile

My tool belt primarily favors **Go**, **Bash**, **PHP**, **Ruby**, **Python**, and **Node.js**. I am a proud **Linux power user** who favors **Git** for version control. I practice **TDD and BDD** and believe web applications should be **API** driven. Other buzzwords I like include **Concurrency**, **Automation**, **Message Queuing**, and **SOA**. I am dedicated to advancing my **local community** through teaching and organizing.

Community Involvement

» devICT   https://devict.org

Co-Organizer (December 2012 - Present)

devICT is Wichita's largest developer community at 300+ members. Our mission is to educate, empower, and connect developers in the Wichita area. As an organizer I work to foster a safe and inclusive environment for anyone interested in development. As a presenter I have given presentations over Go, Object Oriented Programming, Regular Expressions, Twig, and Vim.

» Ad Astra Academy   http://adastraacademy.com

Administrator / Instructor (June 2014 - Present)

I teach workshops for aspiring web developers covering HTML, CSS, JavaScript, Ruby, Rails, TDD, and Git. I handle administrative tasks and direct the curriculum and schedule.

» Open Wichita   http://openwichita.com

Member (June 2015 - Present)

Open Wichita is a local civic hacking and open data initiative. I have participated in projects aimed at improving public transit and reducing infant mortality. These projects are in Go and Meteor.js.

» Conferences and User Groups

- Attended **Gophercon** in Denver in 2015.
- Presented *Getting Started with Go* at the first annual **Kansas Linux Fest** in 2015.
- Attended the **Lone Star PHP** conference in Dallas in 2012, 2013 and 2014.
- Attended the **200 OK** Web conference in Tulsa in 2013.

Education

» Emporia State University, Emporia KS

Master of Business Administration
Computer Information Systems concentration.
Completed May 2010
Cumulative graduate GPA 4.0 (4=A)

Bachelor of Science in Business
Major: Management
Graduated Magna Cum Laude December 2008
Cumulative undergraduate GPA 3.83 (4=A)

» Honors and Awards

- MBA Student of the year 2010
- University high score: MBA Major Field Test Spring 2010
- Dean's List: Recognized six out of nine undergraduate semesters
- Recipient, CFSS Scholarship for excellence in business (2004-2010)
- Member, Beta Gamma Sigma (business honorary society) 2007-2010

Work Experience

» Wrecking Ball Media Group   http://wreckingballmediagroup.com

Contracting Engineer (February 2015 - Present)

Primary **Go** server engineer for **Adobe Project 1324** which is a web platform engaging creative youths to share original pieces of work related to a particular cause. One exhibit is currently live on the platform at withmalala.org which invites youth to stand with Malala Yousafzai in her campaign for girls' rights to education. The platform is currently being extended to host other exhibits on various topics.

- Developing the server application composing a REST API, middleware, Go templating, a service layer, SQS job queues, logging to an ELK stack, internationalization, and unit and integration tests.
- Integrate with the APIs of several Adobe systems.
- Constructed the team's Continuous Integration and Continuous Deployment pipelines using Ansible, Docker, Jenkins, Hipchat, and AWS.

» Tortugas Consulting, LLC   http://tortugas-llc.com

Partner (October 2011 - February 2015)

Custom software development and consulting services.

- Various custom projects with Symfony 2, Ruby on Rails, and Node.js
- Maintained and extended a complicated proprietary commission tracking system
- Developed an e-commerce business based on OpenCart
- Provided security and best practices advice for various clients
- Provided software development advice to aircraft parts finishing company

» TimeIPS, Inc   http://timeips.com

Lead Developer (November 2013 - February 2015)
Application Developer (October 2010 - November 2013)
5445 E 85TH ST N, Valley Center, KS 67147 Phone: 877-864-3256

- Managed a team of 4 developers
- Introduced Test Driven Development with PHPUnit
- Implemented Continuous Integration with Jenkins
- Started code reviews via Phabricator
- Lead the development of a REST API
- Updated legacy code to use the Doctrine 2 ORM
- Implemented a Zero Defect policy
- Developed a system for managing our farm of QEMU virtual machines
- Revamped our build process making heavy use of Composer, Gulp, and Bower

» Kansas Life, Insurance Agency Inc   http://kslifeinc.com/

Information Technology Specialist (November 2009 - October 2010)
2118 N Tyler Bldg A, Wichita KS, 67212 Phone: 620-665-1490

- Significantly improved payroll accuracy and transparency through development of a PHP application
- Reduced time required to process new business by several days by optimizing work flows
- Provided desktop and networking support

» Emporia State University - Richel Computer Lab

Lab Assistant/Assistant Webmaster (January 2009 - May 2010)
1200 Commercial St. Emporia, KS 66801. Phone: 620-343-5727

- Developed PHP applications to improve functionality of the school's website
- Maintained and updated content using a proprietary CMS