James Koshigoe

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Summary

I am a self-taught, self-driven, business-minded software engineer with over 8 years of professional software development experience. I have had a focus on technology all throughout my life, starting at age 12 when I began reading books on C and C++ during my free time. Ever since, I have been hooked on programming and have created many notable projects, usually with a business twist in mind.

I have been primarily interested in web development for my entire professional career. This has included all aspects of development, such as engineering back end code, building front ends, testing, deployment, and server administration. I can wear many hats, but my greatest talents lie in those disciplines related to software engineering.

My goal is to provide my rich experience and agile approach to making beautiful, smart products for technology demanding businesses. Anything that requires thoughtful engineering, independent research and well-tested, bug-free code is my *forte*.

Professional Experience

JamesKoshigoe.com and Toptal, Boulder, CO

Technology Consultant and Web Developer, April 2014 – Current

- Architected and developed the foundation for a thick-client application, utilizing AngularJS, Laravel and REST.
- Managed an outsourced, over-seas engineering team using agile practices.
- Currently providing remote consulting services through Toptal's curated top-tier engineering network. *(http://www.toptal.com/resume/james-koshigoe)*

IMM, Boulder, CO

Senior Software Engineer, February 2013 – June 2014

- Automated and optimized as much of IMM's manual processes as possible so IMM's talent could focus on what they do best.
- Provided technology and architectural experience to build core infrastructures upon which other developers relied.

- Built high-traffic websites for IMM's digital marketing campaigns for well-known brands such as TracFone, Chili's, On The Border, DirectBuy, and more.

Vacation Rental Partner, Boulder, CO

Lead Developer, May 2011 – January 2013

- Paved a path and began moving the entire codebase from CakePHP to Ruby on Rails, while re-architecting it and keeping business needs moving forward.
- Was integral in building the back end and parts of the front end for a new guest-facing site, enabling VRP to pivot its business model.
- Built custom feeds using REST, JSON and XML to list VRP's properties on HomeAway, FlipKey and SkipJump through their proprietary APIs.

Denver Homes Online, Denver, CO

Website Developer and Consultant, June 2010 – January 2011

- Worked with client from the ground up to craft several web designs and implement them in a foundation client could maintain.
- Trained client digital marketing fundamentals, including key concepts of SEO and proper usage of analytics to track the performance of campaigns.

Developing Equities Group, Greenwood Village, CO

Website Developer, June 2009 – August 2009

- Completed in-depth research to identify cost savings in implementation of a real estate auction website.
- Custom built the entire front end of the website in HTML, CSS and JavaScript/jQuery.

TeamGrounds, Littleton, CO

Founder, February 2009 – April 2009

- Developed from scratch an MVC framework in PHP, complete with a custom ORM.
- Built a social network foundation with user profiles, commenting and friending features.

Sito Marketing / American Vending Systems, Centennial, CO

Website Developer, January 2008 – December 2008

- Created and concurrently managed all the technical needs of ten websites.
- Built a specialized CMS in PHP that allowed for fast generation of hundreds of landing pages.

- Integrated leads coming from various sources into a Customer Relationship Management (CRM) system using PHP and a REST API.

Colorado Home Helper, Boulder, CO

Website Developer, April 2007 – January 2008

- Further developed and customized an existing PHP-based MLS to allow visitors to register, save their searches, integrate featured listings, and improved overall functionality and usability.

Education

Computer Science (4 semesters towards B.S.), GPA: 3.5/4.0   University of Colorado at Boulder

Computer Science (3 semesters towards B.S.), GPA: 3.4/4.0   University of Colorado Denver

Professional Expertise

Front End – HTML5, CSS, LESS, JavaScript, AngularJS, jQuery, Adobe Photoshop, Responsive Design

Back End – PHP (Laravel, ZF2, CakePHP), Node.JS, Socket.IO (Websockets), Ruby on Rails, SQL, MySQL, PostgreSQL, Linux, Apache HTTPD, Heroku, REST and APIs, RPC, HTTP

Testing – PHPUnit, Rspec, Cucumber, BDD and TDD, Continuous Integration

Tools – Git, Github, Vim, Grunt, Bower, SVN, JIRA, Trello

Paradigms – Agile methodologies (Scrum, XP, Kanban), OOP/Design Patterns, SOLID, Functional programming, Open source ecosystem

OS Experience – Mac OS X, Windows, Linux (Ubuntu, CentOS)

Professional Societies/Awards/Honors

- Future Business Leaders of America, Mountain Vista High School, 2005-2006
- Future Business Leaders of America, State Honor Award, 9th Place Technology Concepts, 2006
- Future Business Leaders of America, District Honor Award, 4th Place Technology Concepts, 2006
- Future Business Leaders of America, District Honor Award, 3rd Place Website Development, 2006
- Professor Aide to Computer Science Department of University of Colorado Denver, 2006-2007
- PC Gamer Magazine, CSS:RPG Game Modification for Counter-Strike: Source, June 2007, Pg. 102
- Dean's List, University of Colorado at Boulder, Fall 2010