

MIKE KASBERG, SOFTWARE DEVELOPER

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EDUCATION

Colorado School of Mines, Golden, CO

December 2011

B.S. in Applied and Computational Mathematics, Summa Cum Laude

EXPERIENCE

SpotX, Westminster, CO

January 2015 to present

Software Engineer, Team Lead

- Programmed dozens of new features in a PHP-based web API while improving quality in a legacy codebase.
- Spearheaded and maintained growth of PHPUnit test suite that runs ~ 2,200 tests in 4.4s.
- Introduced feature flags to codebase to allow “dark launches” with reduced code deployment risk.
- Significantly improved cross-team release process with a regular freeze & release cycle.
- Facilitated easier developer access to logs by implementing new PHP logging solution with systems team.
- Reduced developer overhead by replacing developer VMs with Docker across multiple development teams.
- Implemented Jenkins pipelines for automated unit testing, integration testing, packaging, and deployment.
- Safely migrated a large PHP codebase from PHP 5.3 to PHP 7.
- Developed, tested, and deployed a Java-based daemon to react to Kafka events.

Denver Public Schools, Denver, CO

June 2013 to December 2014

Math Teacher & Denver Teaching Resident

- Completed a residency under an experienced mentor teacher at High Tech Early College High School, a Title I turnaround school in Denver Public Schools.
- Developed and piloted a project-based electronics and computer science course.

Pariveda Solutions, Denver, CO

January 2012 to May 2013

Software Consultant

- Implemented a new security layer in Java for a CRM webapp used by a Fortune 500 insurance company.
- Developed dashboards in Excel to optimize supply chain, saving 40 man-hours per week.

National Renewable Energy Laboratory, Golden, CO

June to December 2011

Software Developer Intern

- Wrote time series graphing software for the System Advisor Model energy simulation application.
- Implemented statistics plots, monthly profile plot, heat map, and other data visualization tools.
- Used raytracing techniques to mathematically model a photovoltaic system.

Flatirons Solutions, Boulder, CO

June to August 2010

Software Developer Intern

- Worked on an iPhone/iPad mobile interface for an enterprise content management system.
- Researched, designed, and implemented image annotations and a file grid view in Objective-C.

PERSONAL PROJECTS

- Published 4.5-star Android app in Google Play store with 500+ reviews and 25,000+ installations.
- Published Amazon Alexa app with API served via AWS Lambda and API Gateway.

SKILLS

PHP ●●● PHPUnit ●●● Java ●● JUnit ●● SQL ●●● Linux ●●● Git ●●●● Jenkins ●● Docker ●

● years experience

INTERESTS

- API & Mobile application development
- Using DevOps techniques to streamline processes while reducing risk