

MIKE KASBERG, SOFTWARE DEVELOPER

 mkasberg

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EDUCATION

Colorado School of Mines, Golden, CO

December 2011

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

EXPERIENCE

Zen Planner, Highlands Ranch, CO

April 2018 to present

Software Engineer

- Introduced trunk based development workflow to reduce merge conflicts and developer overhead.
- Leveraged Docker to create a unit test suite for a legacy Cold Fusion code base that did not have unit tests.
- Implemented a Jenkins pipeline to build and unit test every pull request.
- Identified, tested, and fixed gym membership and billing issues related to timezones.

Bandwidth, Denver, CO

December 2017 to April 2018

Software Development Engineer III

- Developed and tested 911 call routing APIs in Java (Spring Boot) using a service oriented architecture.

SpotX, Westminster, CO

January 2015 to December 2017

Senior Software Engineer, Team Lead

- Developed and maintained REST API (LAMP) to support dozens of new features in the Publisher Platform, where publishers configure and report on over 4 billion ad impressions every month.
- 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.
- Safely migrated a large PHP codebase from PHP 5.3 to PHP 7.
- Developed, tested, and deployed a Java daemon to react to Apache Kafka events.

Denver Public Schools, Denver, CO

June 2013 to December 2014

Math Teacher & Denver Teaching Resident

- Completed residency under experienced mentor teacher at a Title I 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.

National Renewable Energy Laboratory, Golden, CO

June to December 2011

Software Developer Intern

- Wrote time series data visualization software for the System Advisor Model energy simulation application.

PERSONAL PROJECTS

- Published Android app in Google Play store with 4.5-star rating and 28,000+ 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

- Fast-paced, iterative development of web applications, APIs, and mobile applications.
- Using devops techniques to streamline testing & release process while reducing risk.