

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

Senior Software Engineer

- Successfully implemented trunk based development 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.
- Delivered numerous features for memberships, billing, & login in legacy Cold Fusion & Java applications.

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 on Linux-based systems.
- Using devops techniques to streamline testing & release process while reducing risk.