

MIKE KASBERG, SOFTWARE DEVELOPER

kasberg.mike@gmail.com • 720-219-2242 • 3976 W Grand Ave. Littleton, CO 80123

EDUCATION

Colorado School of Mines, Golden, CO

December 2011

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

EXPERIENCE

Bandwidth, Denver, CO

December 2017 to April 2018

Software Development Engineer III

- Developed 911 call routing APIs in Java (Spring Boot) using a service oriented architecture.
- Tested services using a combination of unit, integration (API), and Selenium (UI) tests.

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.
- 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 daemon to react to 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.
- 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.

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 APIs and mobile applications.
- Using devops techniques to streamline testing & release process while reducing risk.