

# Bennett Hiles

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- Senior backend software engineer with 7 years of experience
- Comprehensive skills in designing and building highly available web infrastructure and APIs
- Extensive operational involvement
- Excellent team player and communicator, with proven leadership and managerial skills
- Exemplary ownership and dedication
- Talented at finding process inefficiencies and implementing solutions

[LinkedIn](#) [GitHub](#)

## SKILLS

|                    |  |
|--------------------|--|
| LANGUAGES          | Clojure, Java, Ruby                      |
| CLOUD TOOLS        | EC2, S3                                  |
| FRAMEWORKS         | Dropwizard, Rails, Sinatra               |
| BIG DATA TOOLS     | Casalog, Hive                            |
| DATA STORES/QUEUES | PostgreSQL, MySQL, Redis, Riak, RabbitMQ |
| DEVOPS TOOLS       | Jenkins, Vagrant, Fabric                 |

## EXPERIENCE

### awe.sm (acquired by Unified)

**Software Engineer** Jun 2010 - Feb 2014

Provides a suite of tools that allow users to track social sharing, primarily composed of APIs to create links, data-storage/retrieval, and an analytics dashboard. Hired as engineer #2.

- Designed and built highly available infrastructure and APIs, which powered the entire backend, and a real-time data pipeline with RabbitMQ and Redis, which cut operational costs \$10,000/month;
- Led the operations roadmap, automating 20 bespoke systems and greatly improving reliability, achieving four 9s of uptime for a year;
- Increased developer speed and bus factor by building fast development environment setups;
- Improved team morale and camaraderie by organizing weekly "Lunch and Learns" and outside work activities;
- Enhanced organization-wide product clarity by maintaining roadmaps and leading standups; and
- Managed a team of 5 engineers (2 operations + 3 developers).

### Motally (acquired by Nokia)

**Software Engineer** Mar 2010 - Jun 2010

Provided website analytics specifically for mobile clients that were, at the time, underrepresented by tools like Google Analytics.

- Developed a data processing pipeline using Hadoop, Pig, and AWS.

### LeapFrog

**Software Engineer** Dec 2007 - Mar 2010

Creates technology-based educational products.

- Collaborated in design and implementation of data APIs built in Java and PL/SQL;
- Developed a web-based database interface for data migration; and
- Mentored junior software engineers.

## PROJECTS

### Cascalog In-memory Platform

Cascalog is a powerful data analysis tool that was originally just for Cascading. I have continued the work of Sam Ritchie to allow Cascalog to support platforms besides Cascading.

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### On the way

A webapp that helps you find places to stop that aren't out of your way, when you are en-route to a destination. It's built with Clojurescript and is open source.

## EDUCATION

### U.C. Davis

Aug 2002 - May 2007

Bachelor of Science - Electrical Engineer

### Coursera Machine Learning Class

Sept 2014 - Dec 2014