Bennett Hiles

bennetthiles@gmail.com   http://about.bennetthiles.com   New York, NY

- Senior backend software engineer with 7 years of experience
- Comprehensive skills in designing and building highly available web infrastructure and APIs
- Considerable involvement with operational tasks
- Substantial knowledge of Java, Ruby, and, most recently, Clojure
- Excellent team player and communicator, with proven leadership and managerial skills
- Exemplary ownership and dedication
- Talented at finding inefficiencies and implementing solutions

LinkedIn   GitHub

SKILLS

LANGUAGES	Java, Clojure, Ruby
CLOUD TOOLS	EC2, S3, Digital Ocean
FRAMEWORKS	Dropwizard, Rails, Sinatra
BIG DATA TOOLS	Cascalog, 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, AWS, and Pig.

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.

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