

Burke Webster

Director of Engineering, Kapost

Curious engineer looking for opportunities to work with **great teams** who are building **simple, usable products** that **solve real-world problems**.

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WORK EXPERIENCE

Kapost

Director of Engineering (2015 - current)

- Helping to [lead our engineering teams](#) as we evolve a monolith, peel off services, build fast and scalable APIs, and implement a component-based rich UI.
- Always looking for small tweaks to increase efficiency and predictability of our teams and processes, as well as opportunities for collaboration and innovation guided by constraints.
- As a tech lead, helped rebuild our analytics systems into a fault-tolerant, SQS-powered beast that processes hundreds of thousands of jobs on a daily basis. Also led the development of a fast and scalable full-text search service that makes all of your Kapost content (including all kinds of attachments) fully searchable.

Covalent Data (formerly Collective IP)

Senior Software Engineer (2012 - 2015)

- Worked on a data platform to help business development teams find new and emerging technology in a fast and efficient way. The core technology leveraged Hadoop to crawl the web, extract information from semi-structured sources, and stitch it together in SolrCloud to provide innovation profiles for educational institutions, research laboratories, private companies and individual researchers.
- Created a clean and responsive React/Flux interface that helped make sense of millions of data-points.
- Experimented with machine learning, natural language processing, search and scaling in the cloud.

CA (formerly Rally Software)

Development Manager (2008 - 2012)

- Started as an engineer working on the core product. Moved up to development manager where I split my time between scaling the team and working on features.
- Learned loads about agile, scrum, kanban and how to run an engineering organization.

Sandia National Labs

Software Engineer (2003 - 2008)

- From intern to full-time position, worked on a small team focused on standing up 24hr network and infrastructure monitoring platform.
- Transformed a continuous stream of network and systems monitoring events into actionable alerts to our network operations staff.

TECHNOLOGIES

Ruby (Rails, RSpec, Capybara), JavaScript (React, Redux, Flux, jQuery), Python (Pandas, Scikit-learn, Spark, Flask), Java (Spring, Hadoop, Spark), Scala (Spark)

Information Retrieval (Elasticsearch, SolrCloud, Lucene, Nutch), Machine Learning (Scikit-learn, Mahout, OpenNLP, Spark/MLlib), SOA (Microservices, Events), Databases (PostgreSQL, MongoDB, MySQL, Oracle)

Heroku, AWS, Git, CircleCI, Docker, CodeClimate, Cloudera, Docker

EDUCATION

Colorado State University

Masters of Science in Computer Science (2006 - 2008)

University of New Mexico

Bachelors of Science in Computer Science (1999 -2003)