

Russell Teabeault

STAFF SOFTWARE ENGINEER

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Pragmatic and execution focused leader who loves simplicity and collaboration. Over 20 years of industry experience.

Experience

Twitter

Boulder, CO

STAFF SOFTWARE ENGINEER

May 2016 - Present

- Led the development of Enterprise and Public APIs, responsible for \$400 million in annual revenue.
- Led Privacy and Data Protection initiative to continuously scrub a 1.3 Petabyte archive of Tweets at a rate of 1.4 million Tweets per second.
- Team lead for creating a realtime system to track the consumption of Tweets for the Twitter API, reducing the previous delay from 30 minutes to 10 seconds.
- Designed a Tweet compliance solution for a \$15 million per year enterprise product allowing it to scale 4x, reducing on-call noise, and reducing infrastructure costs.
- Team lead for reducing traffic from AWS to Twitter data centers from 250,000 per second to 25,000 per second, resulting in shrinking an AWS cluster size from 2000 to 500 instances.
- Led an effort to move the entire org to continuous delivery, reducing deploy cadence from bi-weekly to daily and regaining an estimated 1-developer year of productivity.
- Taught classes for Scala and Functional Programming.
- Mentored junior engineers including helping two navigate promotions from SWE1 to Senior Software Engineer.

Rally Software/Computer Associates

Boulder, CO

PRINCIPAL SOFTWARE ENGINEER

May 2008 - May 2016

- Led a cultural and technical transformation from an eight-week release cadence to continuous delivery/deployment.
- Developed automation that allowed teams to easily modify, test, and deploy both application code and infrastructure.
- Led the replacement of an Oracle based search with full-text search capabilities, reducing response times from multi-minute to sub-second.
- Created an automation framework for deploying SaaS services as Docker containers into Rally's on-premise product.
- Built services to provide real-time application updates via webhooks, email, and websockets.
- Created deployment and application configuration framework for Java based applications that removed large amounts of duplicate configuration data.
- Created a recycle bin feature that allowed users to recover deleted artifacts.

BEA Systems

Boulder, CO

SENIOR SOFTWARE ENGINEER

April 2002 - May 2008

- Technical lead for a major product rewrite to enhance scalability. Project was critical to customer's success, as well as securing additional license revenue for BEA.
- Lead engineer for the certification of Weblogic Portal running on JRockit's LiquidVM and VMWare's ESX server.
- Developed Weblogic Portal propagation feature to transfer portal user data bi-directionally between testing, staging, and production environments.
- Wrote application to report currently installed patches and service packs in a customer's portal environment, saving countless man-hours in troubleshooting customer installations.
- Developed cache monitor to assist customers in tuning for maximum product performance.

XOR

Boulder, CO

SOFTWARE ENGINEER

November 1999 - April 2002

- Lead engineer for the integration of XOR's content management system with a complex iPlanet Portal Server application.
- Architected and developed a JavaMail application for communicating with two-way pagers.
- Built Cybercrop.com, the world's first B2B grain exchange. Architected a searching framework integral to improving site performance and maintainability.

Skills

Recent Scala, Java, Git, REST, OpenAPI, GraphQL, Python, Rust, Distributed Systems, Big Data
Past AWS, GCP, Kafka, Kafka Streams, Sql, Docker, Chef, Ansible, Haskell, React, CSS, Clojure, C, C++

Education

Univeristy of Oklahoma

B.S. IN COMPUTER SCIENCE

- Major GPA: 4.0, Overall GPA: 3.75