Joshua Tobin

Over 20+ years experience leading high-impact engineering initiatives. Goal-focused leader with a diverse background in cloud native infrastructure, distributed systems and high-availability production environments. I've had success working at small start-ups in addition to navigating large 50k+ people organizations. I have a knack for understanding cross-organizational deficiencies and solving problems through precise communication, efficient planning and execution. I prefer working on a team of highly motivated peers verses being in a silo as a service role.

Possibily Interesting Facts

- I live in Upstate, NY with my wife, 2 kids, and 2 rottweilers Bonnie and Clyde.
- My wife and I snowmobile a few thousand miles a year. Its fun!
- I've worked remotely almost as long as I've been in an office.
- I'm a generalist, Jack of all trades, Master of none.

Specialties

- Operating Systems: Ubuntu/Debian, CentOS, Redhat, etc.
- Languages: Ruby, Golang, JavaScript (Node js), Python, etc.
- Applications/Tools: Kubernetes, Terraform, Docker, Git, Splunk, etc.

Systems/Software Engineer / Infra-Eng - [Salesforce (https://www.salesforce.com/)](https://www.salesforce.com/) / [MuleSoft (https://www.mulesoft.com/)](https://www.mulesoft.com/)

Sept 2021 - Current

- Rogue Squadron - special projects virtual squad. Running various POC's for MuleSoft Production Engineering.
- Attend daily stand-ups, reaching out to various teams across the Salesforce Organization.
- Write decision records based on research finding, presenting demos to technical leadership.

March 2021 - Sept 2021

- Worked across Commercial and Government clouds on the infrastructure automation squad.
- Manage, monitor, maintain our squads wide variety of internal applications. Python, Node, Golang etc.
- Helping to manage and mentor service teams for a large migration of legacy services to our internal kubernetes platform.
- Worked to implement an Okta IDP implementation within our GovCloud environment for solving long standing internal testing issues.
- Apart of various high visibility projects across the organization to save millions of dollars of ACV working directly with customers.

Lead Engineer - Security and Compliance Automation - [Salesforce (https://www.salesforce.com/)](https://www.salesforce.com/) / [Heroku (https://www.heroku.com/about)](https://www.heroku.com/about)

July 2020 - Feb 2021

- Transitioned to a squad of 3 engineers tasked with solving a slew of compliance findings through

automation.
- HIPPA / PCI / SOX daily remediation.
- Wrote high visibility tooling shared amongst auditors and executive leadership on the Heroku platform. Ruby/Go/Node.
- Helped to build and maintain an internal public cloud identity offering which is used by thousands of engineers at SFDC.

Lead SRE - [Heroku (https://www.heroku.com/about)](https://www.heroku.com/about)

Feb 2014 - July 2020

- First external SRE hire to the Heroku SRE team.
- Worked across many squads over a six year period.
- Incident command rotation - https://blog.heroku.com/incident-response-at-heroku
- Supported over 100+ internal applications running on the platform.
- DNS / SSL / AWS account management.
- Operating Splunk on AWS. Supporting 60TB (and growing) of data ingestion per day with zero down time, zero data loss requirements.
- Built tooling (monitoring, metrics collection, logging facilities) for internal engineers. Ruby/Go running on the Heroku platform.

Systems Engineer - [Audax (now Optum) (https://www.optum.com/)](https://www.optum.com/)

July 2012 - Feb 2014

- Building/Designing/Scaling EC2 cloud infrastructure to support Audax in the social healthcare realm.

Services Engineer - [Canonical (https://canonical.com/)](https://canonical.com/)

Jan 2012 - July 2012

- Working on OpenStack. Wasn't the job for me.

Systems Engineer - [Linden Lab (SecondLife) (https://lindenlab.com/)](https://lindenlab.com/)

2007 - Jan 2012

- Worked on the operations team running the Second Life platform.
- Colo runs, on-call, all-nighters, setting up 5 racks of new servers a week.

IT Director - [Destination Hotels and Resorrts (https://www.destinationhotels.com)](https://www.destinationhotels.com)

2007 - Jan 2012

- Worked on premise in Lake Tahoe, CA managing all aspects of the IT infrastructure.
- Purchasing equipment, leasing, tech support, getting yelled at, you name it.

Education

State University of New York

- 1998-2003 - BT, Computer Information Systems (https://www.cobleskill.edu/academics/schools/liberal-arts-and-sciences/business-it/information-technology-bt.aspx)

Publications

- 04/16/2012 - Configuring Keystone in OpenStack (Essex) (https://ubuntu.com/blog/configuring-keystone-in-openstack-essex)

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