Jonathan Bogaty

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Summary

Skilled DevOps Lead with 10+ years of hands-on experience supporting, automating, and optimizing mission critical deployments in the top three cloud providers, leveraging configuration management, CI/CD, and DevOps processes.

Experience

CI Lead

Symbiont

Nov 2019 - Present (8 months +)

Senior Development Operations Engineer

Symbiont

Nov 2017 - Nov 2019 (2 years 1 month)

Responsible for a massive internal CI/CD system supporting internal developers of the core product. I build out support architecture and software solutions and work with the CI vendor on process optimization for the complex pipelines that coordinate testing and deployment. Python, Ansible, Terraform, Packer, and work in Google, AWS, and Azure clouds are all key pieces.

Senior Development Operations Engineer

Jump Ramp

May 2017 - Nov 2017 (7 months)

Architected several key structural revisions for the deployment and systems design of the web and mobile servers for the company. Produced several solutions to modernize existing CI/CD. Introduced containerization as an approach for streamlining development and pioneered the use of ready-to-roll development environments to efficiently onboard. Also overhauled security and implemented automated VPN solutions to bridge datacenter-to-office for wide LAN multisite.

Senior Development Operations Engineer

Qualia

Jun 2016 - May 2017 (1 year)

Developed key solutions for automating CI/CD and systems buildout using Packer, Terraform, and custom Ruby tooling. Built a custom Ruby metrics-based load balancer for efficient scaling of Google Cloud daemon workers based on pubsub metrics, a feature not available standard on GCP at the time.

Senior Systems Operations Engineer

ClassPass

Apr 2015 - Apr 2016 (1 year 1 month)

Major international subscription service for fitness classes across multiple gyms and boutique studios. 200 to 300 Amazon AMI and Ubuntu 14 machines in the cloud on Amazon AWS. Implemented core changes to the architecture powering the ClassPass desktop and mobile experience, automating and containerizing the various servers and services. Became highly skilled with Terraform, Packer, Atlas, and Vagrant for infrastructure automation as well as server automation, and utilized Amazon EC2 Container Service for container scheduling. Implemented Netflix OSS's Janitor Monkey service, reducing costs by $20K/month in automated resource termination policies.

Senior DevOps Engineer
Magnetic

Mar 2014 - Apr 2015 (1 year 2 months)

Major multinational search and site retargeting firm. Responsible for 300+ CentOS, Ubuntu, and OS X machines in physical data-centers as well as in the cloud on Amazon AWS. Designed major overhauls of the Chef 10 cookbooks managing the infrastructure. They include custom LWRPs for group- and user- level existence and sudo management with pinpoint targeting by node attribute, deployment of complex mixed-interpreter servers relying on Ruby, Python, and sometimes Java code, and an overhauled deployment architecture backing Ruby on Rails sites working in tandem with continual deployment through Capistrano. Built out Rundeck integrated with PAM for seamless control of infrastructure via web tools with zero downtime.

Senior DevOps Engineer
MediaNews Group

Jan 2014 - Mar 2014 (3 months)

Nationwide publishing company with a New York subsidiary built out to provide digital back-ends to the websites of over sixty papers running out of datacenter and virtualized Linux CentOS / RHEL: clusters with hardware load-balancing (A10) and Nagios monitoring through SMNP. Managed the New York office's datacenter-hosted servers remotely using SSH and VPN and built out new CentOS servers to handle development toolchain modernization, automation, and provisioning. Completed restructuring of all local development in New York to automated process through RunDeck and Git.

DevOps Engineer
EachScape

Jun 2013 - Dec 2013 (7 months)

Mobile applications development company with international client-base. Provides a platform that corporations can utilize to build out web, Android, and iOS applications with a significantly faster turnaround than using in-house developers. Servers are mainly clustered on Amazon EC2, using EBS storage and load-balanced primarily with ELB. Elasticache is also used, and RDS MySQL instances provide primary databases. Hosted Confluence is used for all internal documentation as well as for case studies, proposals, and any other necessary paperwork. Deployment is automated using Chef and Ruby on Rails, with some secondary applications written in PHP. RunDeck is used for task automation across the servers.

DevOps Engineer
Totsy

Nov 2012 - May 2013 (7 months)

Childrens` goods wholesaler. Online storefront supported by servers at multiple datacenters and support servers at multiple office locations. CentOS 6.4, Apache, and nginx, and Percona-optimized MySQL (LAMP). MySQL is redundant and highly-available in a master, multi-slave configuration. Developer support servers run LAMP and Tomcat to support Confluence and JIRA for documentation and bug-tracking. Other miscellaneous services are Pentaho for business intelligence, Wordpress for web-logging, and Greylog, Cacti, and Nagios for systems monitoring. Puppet is used for automated systems deployment.

System Specialist
jonbogaty.com

Jan 2005 - Jan 2013 (8 years 1 month)

Freelance systems consultant. Small Home / Office network implementation, site-to-site VPN, collaborative teamshare tools and content management systems including SVN, Git and GitHub. Build out Linux, OS X, and Windows office environments with complex bridged wired and wireless LANs. LAMP development for major nonprofit and charity organizations as well as for private companies and individuals.

Senior Project Manager

Cubix

Jan 2012 - Oct 2012 (10 months)

Leading the New York City branch office of a Dallas, Texas based multinational social media Development Company. Project management, team coordination, bug tracking, sales coordination, working directly with new potential clients on future scopes of work and multi-level developer and designer management to bring projects to a successful conclusion Also responsible for drafting project documentation including wireframes using Balsamiq and Illustrator. Regularly managed the highest-profile projects for the company.

Developer

PlacePay

Jun 2011 - Aug 2011 (3 months)

Rent management company coder using Python, MySQL, and prototype.js, a JavaScript framework for AJAX user interaction and interface element manipulation. Database construction, documentation writing, online and offline interface design, and offline support applications for data harvesting and terminal database management. Ubuntu Linux server development environment with custom HTTP server.

Education

Ivy Tech Community College

AAS, Computer Information Technology

2007 - 2009

Graduated with Honors

Dean's List All Semesters

Honors & Awards

Member, CircleCI Customer Advisory Board - CircleCI

Nov 2019

Member of the CircleCI Customer Advisory Board, advising as key customers the role CircleCI technology plays and how it can be continually improved to help achieve the best possible level of partnership and the highest success for company SDLCs.

Skills

MySQL • Apache • Linux • LAMP • Databases • PHP • Python • Ruby on Rails • Chef • Puppet