

# Andrew Jones

234 Flatbush Ave #3  
Brooklyn, NY 11217

317-409-2256  
andrew@jones.ec

## Experience

- ◇ **Bloomberg LP** New York, NY  
*Senior Site Reliability Engineer* 2015 - 2020
  - ▷ I was the Kafka SME for Bloomberg, expanding and promoting Kafka usage inside the company, including geographic failover and Kafka on Kubernetes
  - ▷ I was responsible for the Chef and Ansible configuration management on all Bloomberg Hadoop clusters – primarily used for Spark and HBase. Our rather large Chef codebase [used to be open source](#).
  - ▷ Automated provisioning of bare-metal Linux with PXE, Cobbler, and Foreman
  - ▷ Secondary environments for automated deployment included Kubernetes (via Jenkins), Openstack (via Terraform), and desktop (Vagrant, VirtualBox)
  - ▷ Contributed to both company and upstream open source projects as needed. (See [my GitHub profile](#))
- ◇ **WebMD** New York, NY  
*Tools and Automation Architect* 2013 - 2015
  - ▷ Built a Chef-integrated configuration management database built on Neo4j, allowing operations teams to safely share credentials and configuration data.
  - ▷ Pursued the team's Rails application test strategy using continuous integration, Cucumber, and Capybara
  - ▷ Maintained our CI/CD pipeline using Jenkins and Docker.
- ◇ **TheLadders.com** New York, NY  
*Systems Engineer* 2011 - 2013
  - ▷ Responsible for Puppet configuration management in a heterogeneous environment
  - ▷ Built TLC's first Amazon infrastructure with VPC. Developed Maven plugin for rolling EC2 deployment.
  - ▷ Deployed TLC's first Jenkins-based continuous integration
  - ▷ Automated SAN zoning via the industry standard SMI-S API
- ◇ **Apparatus, Inc.** Indianapolis, IN  
*Systems Analyst* 2006 - 2011
  - ▷ Implemented business hours, service level agreements, escalation, and paging in our open source ticket system, the Request Tracker (RT). Extended RT's REST API for custom ticket submission by external partners.
  - ▷ Responsible for the maintenance and enhancement of a Fortune 500 client's automated deployment infrastructure – tens of thousands of lines of PHP, Perl 5, and ksh93 code.
  - ▷ Developed the customer-facing monitoring dashboard for a client's AWS-like infrastructure-as-a-service product

## Education

- ◇ **Bachelor of General Studies**, Ball State University  
*Concentrations in Economics and Political Science*
- ◇ **Certifications**
  - Cisco Certified Network Associate
  - VMware Certified Professional
  - Red Hat Certified Engineer
  - Microsoft Certified Professional

## Key Technologies

**Programming Languages:** Ruby, Java, Scala, Python, Perl 5, JavaScript, C#

**Distributed Systems:** Hadoop, Spark, Kafka, HBase, Zookeeper

**Infrastructure Management:** Chef, Ansible, Puppet, SaltStack, Kubernetes, Nagios/Icinga, Amazon AWS (EC2, IAM, EMR), VMware vSphere/vCloud, Zenoss

**Databases:** Neo4j, MySQL, Galera / XtraDB Cluster, Postgres, Oracle

**Network Infrastructure:** Linux iptables, OpenBSD pf+altq, TCP/IP, OSPF, EIGRP, F5 BigIP load balancers, Citrix Netscaler, Nginx, Cisco IOS, DNS/BIND, Fedora DS, MS Active Directory, SNMP

**Other Technologies** Jira, Confluence, Jenkins