

Andrew Jones

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Experience

- ◇ **Bloomberg LP** New York, NY
Senior Site Reliability Engineer 2015 - 2020
 - ▷ Worked closely with product teams to integrate Kafka into existing application workflows, replacing internal messaging products
 - ▷ Designed the first geographic-failover-ready Kafka clusters at Bloomberg, driving tenant adoption
 - ▷ Built and supported Kafka-on-Kubernetes clusters
 - ▷ I was responsible for the Chef and Ansible configuration management on all Bloomberg Hadoop clusters – primarily used for Spark and HBase. Our Chef codebase [used to be open source](#).
 - ▷ Supported Kafka, Spark, and HBase for internal users
 - ▷ Developed a release management strategy for Kafka, our configuration management code, Galera, and the Hadoop stack.
 - ▷ 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 heterogenous 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