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 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 intfrastructure-as-a-service product

Education

◇ **Bachelor of General Studies**, Ball State University
Concentrations in Economics and Political Science

◇ **Certifications**
- ○ Cisco Certified Network Associate
- ○ Red Hat Certified Engineer
- ○ VMware Certified Professional
- ○ 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