

Andrew Jones

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Experience

- ◇ **Amazon Web Services, Inc** New York, NY
Systems Development Engineer III 2022 - Current
 - ▷ I have spent most of my time at Amazon working on anti-fraud efforts for AWS Glue. My work uses SNS, SQS, DynamoDB, and a network of Python Lambda functions to aggregate and distribute fraud signals globally. Limiting fraud yields substantial savings on an ongoing basis.
 - ▷ My team primarily works on automation, so my secondary responsibilities pertain to automating application and infrastructure bring-up in new regions. This entails constant work with a wide variety of CI/CD structures, primarily built on AWS CodePipelines and similar internal tools.
 - ▷ I am also responsible for the cloud infrastructure that runs my code, invariably spun up with Typescript and the AWS CDK, as well as monitoring and logging via CloudWatch.
- ◇ **Bloomberg LP** New York, NY
Senior Site Reliability Engineer 2015 - 2020
 - ▷ I was the Kafka expert 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 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)
- ◇ **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
 - ▷ At Apparatus I was contracted out to do a variety of systems engineering and software development tasks
 - ▷ Implemented business hours, service level agreements, escalation, and paging in our open source ticket system, the Request Tracker (RT).
 - ▷ Responsible for the maintenance and enhancement of a Fortune 500 client's automated deployment infrastructure – a vast quantity of PHP, Perl 5, and ksh93 code.

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