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, saving the company vast sums of money.

  ▷ 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.

◇ **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
  ○ Red Hat Certified Engineer
  ○ VMware Certified Professional
  ○ Microsoft Certified Professional