

Dhruv Salwan

DEVOPS · SOFTWARE ENGINEERING · AWS

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Summary

Focused, efficient and reliable Software Engineer with experience in developing and debugging tools to provide secure and cost-efficient use of AWS Cloud. Diversified skill sets covering software development, agile methodology, automation and user support. Excellent interpersonal and communication skills.

Skills

Programming	Python, JSON, YAML, HTML5, Markdown, LaTeX
SDK and Frameworks	Boto3, Jinja2, Jekyll
Cloud	AWS(Elastic Container Services, EC2, EBS, S3, ELB, CloudFormation, Lambda), Terraform(Basic)
Operating Systems	Linux, MacOS, Windows
Tools	Bitbucket, GitHub, Docker, Jenkins, PyCharm, Atom
Monitoring and Tracking	ElasticSearch, Confluence, JIRA, PagerDuty, Datadog, HealthCheck, Sentry

Work Experience

FINRA

Rockville, Maryland

SENIOR SYSTEMS ENGINEER

May 2018 - Present

- Design and develop enterprise usable and serverless Slackbots, using modularized Python code utilizing slack API, AWS API Gateway, Lex and Lambda.
- Spearhead implementation and adoption of Cloud Custodian at FINRA, utilizing in-house Jenkins and Splunk automation to provide self service model. Create concise written and video documentation. Help application teams save hundreds of dollars every month.
- Write python code to automate monthly product release announcements to Confluence and Slack.
- Orchestrate product build and release pipeline in Jenkins transforming complex, time consuming and error prone process into automated solution.
- Develop solutions for effectively managing Artifactory SaaS; Using Python and serverless infrastructure, setup log forwarding system to index vendor logs into Splunk; Write python code to automate testing of various Artifactory repository types using Artifactory API.
- Coordinate and migrate over 8 production applications running in multiple AWS environments from Cloudformation to internal Infrastructure as Code tool.
- Achieve huge cost savings by migrating internal yum servers to Artifactory.
- Train new employees on various technologies and company processes and assist in hiring quality talent.

Capital One

McLean, Virginia

SYSTEMS ENGINEER

Oct. 2016 - April 2018

- Centralized Cloud Custodian policy development at the Enterprise level to achieve consistency, security and cost-effectiveness in AWS Cloud Infrastructure.
- Developed, tested and maintained functionalities in Cloud Custodian to support encryption, tagging, backups, off-hours, network security for all services in AWS Cloud.
- Fixed bugs reported by contributors on the Public Github Repository, communicate on the Issues on Public Github, peer review Code in the Pull Requests on Public and Private Repositories, actively participate on Project's Gitter conversations
- Developed backend for Cloud Custodian Dashboard consuming data from SQS and indexing in Elasticsearch using Python Elasticsearch API.
- Maintained clear and up-to-date documentation for Internal Cloud Custodian policies using GitHub Pages.

Education

California State University

Long Beach, California

MASTER OF COMPUTER SCIENCE

Aug. 2014 - May. 2016

Kurukshetra University

Kurukshetra, India

BACHELORS OF TECHNOLOGY IN COMPUTER SCIENCE

Aug. 2010 - May. 2014