Kudaravalli Sravana Ganga Kumar

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Professional Summary

Bachelor's Degree in Computer Science and working as a DevOps Engineer. Strong knowledge in scripting using Python and Ruby. Experienced in developing Puppet modules,custom factor and writing manifests.Strong usage of Amazon Web Services(AWS) and their automation using BOTO. Knowledgeable about Hadoop and MySQL. Cloud Foundry and Docker are other skills.

Technical Skills

Scripting Languages   Python and Ruby

- Experienced with Interpreted Languages including **Python and Ruby**
- Has Strong experience in using modules related to scripting in both Python and Ruby
- Practically Done: Script to list out the users and instances they spinned up in **Openstack**
    - Script to automate the app pushing in **Pivotal** (**Cloud Foundry** related task)
    - Script to identify the user who created the instance in AWS using **Boto**

Configuration Management Tools   Puppet

- Excellent configuration management using **Puppet**
- Good command over puppet module structure and in writing manifests
- Practically Done: **Manifests** to run the automated functionalities
    - Module for application of a **custom factor**
    - Integration of puppet and **foreman**

Cloud Services   AWS

- Strong knowledge on AWS services **EC2,S3,VPC,SNS,Cloud Watch**,etc....
- Experienced **Cloud Formation** templates
- Knowledgeable about **AWS CLI** and **AWS SDK**(Boto)
- Practically Done: Cloud Formation template for developing VPC with two subnets
    - Setup a configuration which pushes a mail(SNS event) based on alarm(CWatch)

Databases   Hadoop and MySQL

- Worked on **SQL** commands
- Knowledgeable about **Hadoop Development**
- Practically Done: **Analyzed Amazon Product Data reviews(~=1GB) using Apache Pig**
    - Given support using SQL DDL,DML,TCL commands

Other Technologies   Jenkins and Cloud Foundry

- Developed the whole pipeline of CI/CD of a sample Java Application(not productive,an initiative only)
- Knowledgeable about Pivotal and CF-CLI

Relevant Experience

DevOps Engineer   08/06/2015 - Present
NetEnrich Technologies Private Limited   Hyderabad,Telangana

Client : T-Mobile
Role : Linux Support
- Monitored developed applications
- Provided Level one Linux Support
- Worked with Grafana dashboards

Client : Turn
Role : Automation Engineer
- Puppetized each and every operation related to this client
- Wrote manifests according to the client instructions
- Automated many processes of AWS using boto
- Wrote code to automate many operations of Openstack
- Worked with Foreman and Cloud Foundry APIs
- Performed DevOps for Linux platform
- Worked with git command line interface

Client : Turn
Role : Database Engineer
- Utilized SQL database systems
- Gets into Hadoop Development

Education

Bachelor's of Science Degree - Computer Science and Engineering
2015

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