SRINIVAS B

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WORK SUMMARY:

- Over Eight(8) years of IT experience as a DevOps Engineer in automating, building, deploying, releasing code, application development in Python and RESTful API Development in Scala on Big Data technology.
- Experience in automating the process execution using Shell scripts and Ruby scripts
- Experience in automation and development in Python Scripting
- Experience in building monitoring and alerting services for servers using Grafana and Nagios
- Experience in Continuous Integration Jenkins performed end to end automation for build and deployments.
- Hands-on experience in Kubernetes and Docker in GCP environment
- Experience and Knowledge of Concourse CI/CD Pipeline
- In-depth understanding of the principles and best practices of software configuration management (SCM) in Scrum, and Waterfall methodologies.
- Working knowledge of branching and merging code lines in the GIT and resolved all the conflicts raised during merges.
- Experience in working with version control systems like Subversion, GIT, and used source code management tools like Tortoise SVN, GitHub.
- Knowledge of MAVEN and ANT as build tools for building deployable artifacts (jar, war & ear) from source code.
- Experience in parsing, modifying XML using Python, and also the creation of Graphs using Python
- Hands-on experience using Bug tracking tools like JIRA
- Knowledge of databases like MySQL and HBase
- Ability in managing all aspects of the software configuration management process including code compilation, packaging/deployment/release methodology, and application configuration.
- Experience in installing, configuring, managing, tracing complex build problems, release issues, and troubleshooting skills.
- Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
- Experience in RESTful API development using Big Data technologies/tools like Scala, HBase, Kafka

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TECHNICAL SKILLS:

Version Tools: SVN, GIT

Monitoring Tools: Grafana, Nagios

Cloud Service Provider and Technologies: GCP, Docker, Kubernetes and Knowledge on AWS and Azure

CI/CD Tools: Jenkins, Concourse

Configuration Management Tools: Knowledge of Ansible and Terraform

Languages: Shell scripting, Ruby, Python

Database: MySQL

Bug Tracking: JIRA

SDLC: Agile, Waterfall

Build Tools: ANT, MAVEN

Big Data Technologies: Scala, Kafka, HBase

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WORK EXPERIENCE:

Accenture, Bengaluru
Advanced App Engineering Specilaist

Client Project   **Sept 2019 - Present**
Responsibilties:
- Implementing a CI/CD pipeline using Concourse
- Deploying Statefulset and Stateless services in Kubernetes using Helm and also deploying the services through Concourse Pipeline
- Implemented a monitoring dashboard using Grafana to monitor the services and disk.
- Maintaining a GCP Instance
- Key Skills: GCP, Concourse, Kubernetes, Docker, Shell, Bitbucket

Client Project (Python Development)   **June 2019 - Sep 2019**
Responsibilities:
- Implemented the Interfaces using Python and created Python executables where it was processing the large XMLs, archiving, copying, creating HTMLs, graphs, PNGs from the large XMLs.
- Lead a team(2 people) of Python resources.
- Regularly monitored team members work, discussed the problems which they have

faced, unblock them and made sure all the tasks are delivered on time.
- Responsible for quality of applications delivered to the customers for all Python modules.
- Involved in the task prioritization and assigning the implementation tasks to the team members.
- Involved in the Interview Panel and Trained the associates on DevOps Processes.
- **Key Skills - Python, Windows Batch Scripting**

Client Project (DevOps)   **June 2019 - Sep 2020**
Responsibilities:
- Implemented and handled CI/CD Pipelines and Version Control tool.
- Developed a generic disk cleanup script
- Built a Jenkins Pipeline for deployment in the Staging and Production environment.
- Installed the Patch delivery on request through CI/CD Pipeline
- Handled Critical Server Issues
- **Key Skills: Jenkins, Shell, Git**

Internal Project   **Mar 2019 - June 2019**
Responsibilities:
- Proposed a Host, Services monitoring design and implemented on multiple client instances.
- Worked on Grafana Monitoring tool, implemented on various servers
- Built a generic automatic disk cleanup script and implemented on multiple client instances.
- Involved in the Interview panel for DevOps
- Mentoring other DevOps resources
- **Key Skills: Grafana, Shell, MySQL**

Flipkart Internet Pvt. Ltd, Bangalore
Product Solution Engineer 2 (DevOps)   **June 2016 to March 2019**

1. **Case Management System**
   Responsibilities:
   - Built and implemented Shell Scripts to implement automation and enhance user experience
   - Managed GitHub repositories and permissions, including branching and merging
   - Mentored a group of 2 engineers to support Development and enhancement of the CMS applications
   - Worked on infrastructure planning, installation and maintenance in IaaS

- Built APIs using Scala programming language and integrated to the frontend
- Worked closely with the Operations team to establish the problem specifications
- Worked on the Authentication and Authorization of the CMS Web Application
- Handled all the on-call issues related to the CMS
- Automated build and deployment process with Jenkins and Gradle
- Setup the Nagios alerts on the machines where CMS Applications are running
- Created the Cosmos(Grafana) alerts for the CMS Resources and Services
- Documented the CMS API Contracts in Confluence and published to the UI Team
- Followed the practice of creating a JIRA for all the tasks and tagging the JIRA ID for each GIT Commit
- **Key Skills - Shell, JIRA, Confluence, Jenkins, IaaS, Nagios, Scala**

2. **Recommendation Service - (Seller Protection Fund and Token of Apology) Responsibilities:**
   - Automated build and deployment process with Jenkins and Maven
   - Managed GitHub repositories and permissions, including branching
   - Worked on infrastructure planning, installation and maintenance in IaaS
   - Modified the existing design of SPF Recommendation Service,cleaned up the code using Scala, built and deployed using Jenkins and Maven.
   - Worked on getting the real-time Seller-Buyer SPF counts using Kafka and configured the new DRL Rules
   - Owned the TOA Service and configured all the new DRL Rules
   - Automated the extraction of the logged data from HBase using Pig and Shell
   - Created RESTful API to fetch data from HBase and integrated on the frontend
   - Handled all the on-call issues related to TOA and SPF services
   - Setup the Nagios alerts on the TOA and SPF Instances
   - Created the Cosmos(Grafana) alerts for the TOA and SPF Resources and Services
   - Documented SPF and TOA Services in Confluence
   - **Key Skills - Shell, Jenkins, Jira, Confluence, Nagios, Cosmos, Scala**

Product Solution Engineer 1 (DevOps)   18-05-2015 to 30-05-2016
1. **Seller and Buyer Fraud Metrics, Dashboards and Automation Flow Responsibilties:**
   - Built Metric Dashboards on all the tracks handling by the Trust and Safety Team

- Built automatic report generation process for Seller Protection Fund model, which helps the Ops team to investigate each claim using Shell and Ruby
- Automated the process of COD Disable/Enable of the buyer account using Ruby
- Automated the product MRP change using Ruby
- Automated the process of giving permissions to the Ops team using Shell and Ruby
- Automated the process of creating a rule file using Shell and Python
- Develop and automate standard operating procedures around common failure scenarios
- Documented all the process in Confluence
- Handled full process of enhancing the system, interacted with the related teams for the change, provided the details of the new reason codes
- **Key Skills - Shell, Ruby, Confluence**

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Technology Consultant - Ib   **31-10-2012 to 15-05-2015**

HP GlobalSoft Pvt. Ltd, Bangalore

- Worked on the design, implementation, and support process for the Prepaid Billing Solution
- Worked on Bash Script for automating the daily status report
- Preparation of deep dive RCA document and execute the deliverables
- Present the solution for new price plans requests from Business
- Participate in the technical meetings with end client and presented the status report and also handled the on-call issues
- Involved in the IUM tool development and configurations and handling the issues
- Resolving Production Incidents and Installing fixes
- Reduced the on-call load by automating the process through Shell scripts
- Involved in Conversion from Legacy RPG programming Language to JAVA
- **Key Skills - Shell, SQL, Java, HP Internal IUM Tool**

Place
Bangalore   **Srinivas B**