Koushik Katakam

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AWS DevOps Engineer

5446 Charlotte St, Apt 1F, Kansas City, MO-64110

Education:

Master of Science in Computer Science   **Aug 2018- Till Date**
University of Missouri – Kansas City

Bachelor of Technology in Electrical and Electronics Engineering   **Apr 2017**
Jawaharlal Nehru Technological University, India (Classification: First class with Distinction)

Technical Skills:

- **Scripting Languages:** Shell, Bash, Groovy & Python scripting.
- **Build/ Automation Tools:** Chef, Ansible, Jenkins, Docker, Terraform, Maven.
- **Databases:** MySQL, SQL Server.
- **Programming Languages:** C, C++, Java, Go.
- **Bug Tracking Tools:** JIRA, ServiceNow.
- **Web/App Servers:** Nginx, Apache, Tomcat.
- **Cloud Technologies:** AWS, Azure.
- **Operating Systems:** Windows, Linux, RHEL/CentOS.

Professional Experience:

Infoblox, Tacoma, WA   **Jun 2019 to Aug 2019**
DevOps Intern
Responsibilities:

- Maintain and develop DevOps tools to automate manual.
- Installing and Configuring the DNS, DHCP servers and assigning IP address to client hosts.
- Develop and maintain methodologies to assist in deploying Infoblox's cloud-based.
- Built CI-CD pipelines to drive all the microservices builds out to the internal artifact repository and deploy to different environments using Jenkins Files.
- Wrote Chef Cookbooks for automating the application installations.
- Wrote Bash Scripts for basic alerts which checks the heartbeat URL using curl command.
- Worked closely with different teams in release cycle.
- Building resilient and self-scaling systems so that you can sleep through the night even in case of instance.
- Implemented SNMP container for Logic Monitor integration.

DXC Technology, Bangalore, India   **Jan 2017 to Jul 2018**
DevOps Engineer
Responsibilities:

- Managed the source control using version controlling tools like SVN.
- Involved in setting up CI/CD pipeline using Jenkins, Maven, GitHub, etc.
- Responsible for configuring Splunk using Chef cookbook.
- Monitoring deployments on various applications into organization.
- Responsible for Managing the URI's in Nginx for routing the traffic.
- Deployed Java apps/ Web-services using CI/CD Jenkins in standalone, clustered environments.

- Created branches and managed the source code for various applications in SVN and GIT.
- Used ANT and MAVEN as a build tools on java projects for the development of build artifacts on the source code.
- Configured Jenkins to implement nightly builds on daily basis and generated change log that includes changes happened from last 24 hours.
- Expertise in implementing the cloud infrastructure using Azure Services like Virtual Networks, SQL Databases, Virtual Machines, Storage Accounts, Application gateways, Load Balancers using ARM Templates.
- Created Azure Key Vault in order to store all the credentials.
- Migrated several applications from on-prem to Azure cloud.
- Installed, Configured and Managed Docker containers, Docker Images for Web Servers and Applications servers.
- Experience with multiple flavors of Unix/ Linux Operating Systems.
- Created various scripts in Shell and Ruby for automation of various build processes.
- JIRA for creating the tickets for bugs and reporting issues.
- Experience building large infrastructure for disaster recovery and multi data center strategy.
- Involved in Building data backup/recovery strategy and plans.
- Work with different team members for automation of Release components.

Environment: Java/J2EE, Subversion, Ant, Maven, Jenkins, GIT, SVN, Puppet, Python, Shell Scripting, Ruby.