**Shirisha Karne**

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**Profile**

During my job experience, I had practical skills with interesting technologies, tasks, and people. Skilled at operating in a wide range of Platforms like AWS and DevOps as a DevOps Engineer. Experience in automating build and deployment workflows using GIT/GitHub, Jenkins, Maven, Docker and Ansible. I had taken form part in automating, supporting and to ensure CI/CD in product developing.

**Professional Background**

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Junior Executive – DevOps Operations

April 2018 – Present

* 1.7 years of experience in IT Industry of Software Configuration Management. Skilled at Operating in a wide range of Platforms like AWS, DevOps and Linux.
* Good in understanding Operating Systems like Linux, Windows.
* Setup/Managing Linux & Windows EC2 Instances on AWS.
* Experience in Command Line utilities, managing Files/Directories and permissions, create/copy/move/delete.
* Knowledge on installation and up gradation required packages using RPM and YUM.
* Systems monitoring for CPU, memory, disk usage and taking appropriate proactive & reactive measures.
* Knowledge on AWS cloud services like EC2, S3, ELB, EBS, VPC, Route53.
* Good understanding on creating and maintaining Auto scaling groups, IAM user roles, policies, EC2 Container Service (ECS) and Load Balancers.
* Knowledge on administration, maintenance and operations of different AWS Cloud resources and management services like Elastic Beanstalk, S3, RDS, Lambda, SQS, SNS, and Cloud Watch.
* Configure AWS VPC with public and private subnets, configured Routing tables, Internet gateway, ACL’s, Security groups.
* Knowledge on Software Development Life Cycles Agile technologies and waterfall.
* Automation and integrating of Version Control Systems for source code management. Worked on Git. Maintaining branching model and security in GitHub.
* Performing build activities by using Maven, created and modified build configuration files including POM.XML, dependencies and automation.
* Knowledge on using Ansible, a Configuration Management tool. Development of Ansible playbook to manage systems configuration.
* Experience in setting up of Docker and creating new images and getting images from Docker Hub, worked on Docker images and containers for deploying applications.
* Experience in Continuous Integration setup. Installed Jenkins, created build jobs, set up distributed builds using Jenkins master/slave concepts, plug-in installation backup using Jenkins.
* Monitored and worked on Alerts send by Nagios on various issues related to server availability, disk issues, CPU, memory and processes.
* Knowledge on Python.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Scrum, Agile methodology.

**Technical Skills:**

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| --- | --- |
| **Cloud Technologies** | Amazon Web Services |
| **Version Control Tool System** | GIT/GitHub |
| **Build Tool** | Maven, ANT |
| **Continuous integration** | Jenkins |
| **Containerization Tool** | Docker |
| **Configuration management Tool** | Ansible |
| **Application Servers** | Apache Tomcat |
| **Programming Languages** | Python |
| **Operating Systems** | Windows, Linux |
| **Ticketing and Monitoring tool** | ServiceNow, Nagios |

**Educational Qualification:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Board/University** | **Subject** | **Percentage (%)** | **Year of passing** |
| Graduation | Osmania University, Vasundara Degree College, ECIL | BSc MPCs (Maths, Physics, Computer Science) | 86 | 2017 |
| Intermediate | Board of Intermediate, Vasundara Junior College, ECIL | MPC (Maths, Physics, Chemistry) | 86.4 | 2014 |
| SSC | Central Board of Secondary Education, Anand Shiksha Kendra, Bangalore | General | 94 | 2012 |

**Achievements:**

* Awarded “Team of the Month” for consecutive three times. It is a token of appreciation given to the team by Managers based on performance.
* Awarded “Associate of the Month” once.

**Extra Activities:**

* Participated in Social Events
* Member of SCSC team - Margadarshak
* Part of Rugby team

**Personal Details:**

* **Father’s Name:** K Lokeshwar Rao
* **Date of Birth:** 09 May 1996
* **Languages known:** My mother tongue is Telugu. I can speak and write English, Hindi and Kannada.