

RESUME

KAVITHA S

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Professional Summary:

- **DevOps/Build Engineer** with **1.5 years** of experience in solving complex problems with creative solutions, supporting development and operations environments.
- Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Agile**.
- Experience of SDLC life cycle Build and Release process.
- Good experience on source controller tool like (Global Integration Tool) **GIT**.
- Strong experience on source controls concepts like Branches, Merges and Tags.
- Installing, Configuring and maintaining **Continuous integration**, Automation and **Configuration Management tools**.
- Extensive experience with **CI tools (Jenkins)**.
- Experience of **GIT,SVN** and **Jenkins** Continuous Integration Server – Installation, Configuration, Design and Administration.
- Creating Jenkins Parallel job execution with **Master, Slave to distribute load**.
- Experience in using **Tomcat, Apache/httpd** application servers for deployments.
- Hands on experience in setting up the CI/CD pipelines using **Jenkins, Maven, GitHub, Ansible, SonarQube and AWS**.
- Application Deployment and environment configuration using **Ansible**.
- Good experience for **creation** and **uploading** management of **Ansible playbooks**.
- Knowledge on several **Docker components** like **Docker Engine**, creating Docker containers, Docker images, Docker volumes, Docker network and Docker compose.
- Having Good Knowledge on **Kubernetes**.
- Knowledge in Monitoring like **Nagios**.
- Strong experience in cloud platform is AWS services like **EC2, S3, IAM,ELB, VPC, IAM**.
- Good experience in **Amazon Web Services** environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load Balancers, Auto Scalling Groups.
- Having strong experience on **LINUX OS** environment.

TECHNICAL SKILLS:

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|---------------------------------|--------------------------------|
| • Operating Systems | : Linux, Windows. |
| • SCM Tools | : Git, GitHub, Bitbucket. |
| • Build Tool | : Maven. |
| • Web/Application servers | : Apache Tomcat, Apache server |
| • CI/CD Tool | : Jenkins. |
| • Code coverage tool | : Sonarqube. |
| • Configuration Management tool | : Ansible. |
| • Containerization tools | : Docker |
| • Monitoring tool | : Nagios. |
| • Cloud Platform | : Amazon Web Services (AWS). |
| • Linux Operating Systems | : ubuntu, AMI Linux. |
| • SDLC model | : Agile Methodology. |

Professional Experience:

Client: HP Enterprises Pvt Ltd, Bangalore

July-2020 to Till Present

Role: DevOps Engineer

Responsibilities:

- Responsible for defining branching & merging strategy, checkin policies, improving code quality, automated Gated Checkins, defining backup and archival plans.
- Coordinated with resources by working closely with Project Manager's for the release and Project Manager for all the Operational Projects.
- Actively involved in architecture of **DevOps** platform and cloud solutions.
- Build Automation and Build Pipe Development using **Jenkins** and **Maven**.
- Analyzed the **Maven** build projects for conversion and converting to Maven build projects.
- Involved in designing and deploying multiple applications using **AWS** cloud infrastructure focusing on high availability, fault tolerance and auto-scaling of the instances.
- Leveraged Amazon Web Services like **EC2, RDS, EBS, ELB, Auto scaling, AMI, IAM through AWS console**
- Used **Jenkins** to automate most of the build related tasks.
- Set up CI (Continuous Integration) for major releases in **Jenkin**
- Involved in managing other version control tools like **GIT**.
- Developed and implemented the software release management for the release of web applications.
- Managed the **Maven** Repository using Nexus tool and used the same to share the snapshots and releases of internal projects.
- Created build pipeline for application versions, using **Jenkins** Continues Integration.
- Implemented Configuration Management, Change Management policies and procedures.
- Worked as a system administrator for the build and deployments process on the enterprise server.
- Established processes and tools to maintain code base integrity, including check-in validation rules and branch/merge processes.

Environment: DevOps, SVN, Maven, AWS, EC2, Git, Jenkins, Tomcat, Shell, Windows and LINUX.

Educational Background

Course	Specialization	School/college	Board/ University	Year of passing
M.Sc	Statistics	SVU College of Science	S.V University	2020

I hereby declare that all the above furnished information is correct to the best of my knowledge

Date:

Place: Bangalore

[KAVITHA S]