DevOps and Data Product Engineer

Smita Shinde
Lead Software Engineer
(DevOps)

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Professional Experience

- Having **4+ years** of IT experience in DevOps, Software configuration & Release management.
- Resolving the issues before the specified time frame.
- Highly adaptive to any type of work environment and technology.
- Team Worker with good interpersonal communication and fast learning skills.
- Strong problem solving & technical skills coupled with confident decision making for enabling effective solutions leading to high customer satisfaction and low operational costs.
- Possess the ability to meet sensitive deadlines, manage time and assume ownership of responsibilities.
- Concept development & Team coordinating
- Experience with Agile Development.
- Enjoy new challenges and willing to take on extra responsibilities to get work done.
- Designing, implementing and supporting fully automated Continuous Integration and Continuous Delivery processes
- Automating the build, deployment and testing of Front End, Middleware and Database components
- Implementing and developing solutions enabling Development and Operations teams to build, deploy, monitor and test applications and environments
- Implementing monitoring and reporting solutions across a range of environments and platforms
- Rapid deployment, automation, monitoring and troubleshooting around the cloud hosted environment

Software Skills

Operating System	Linux, Windows
DevOps Tools	Jenkins, Git, GitHub, Bash, and Shell Scripting
Containerization Tools	Docker, Kubernetes
Version Control tools	GIT
CI tools	Jenkins and Build-forge, Docker, Ansible and AWS (EC2, S3, IAM, VPC, EKS)
Monitoring Tools	Manage Engine, Nagios
Infrastructure management tools	Terraform
Others	Shell Script, Make-file, Maven,, AWS.

Professional Experience Summary (4+ Years)

Persistent Systems Private Limited. (IBM Client) from Jun -2021 - Till (Lead Software Engineer/DevOps/Data Product Engineer)

Project: IBM Open Pages (DTP, CCL, DS, DSIDA)
Technologies: Maven, Eclipse, Jenkins CI/CD, Git, Docker, Ansible, AWS, Kubernetes.
Team Size: 4

Roles and Responsibilities

- Exposure to complete project Lifecycle development in **continuous integration & continuous Delivery (Docker swarm, Ansible, Jenkins, Git, Gerrit, AWS, Nagios, build automation, performance monitoring)**.
- Experienced in Build and **Testing Docker release images** and publish to Private Docker registry writing.
- Develop and automated, continuous, build process that reviews the source code, identifies build errors and appropriate parties to expedite/facilitate synchronization to the latest build using Jenkins.
- Creating branches, tags and merging the code from one branch to another.
- Providing solution to developers build failure related issue.
- Integrated Maven –Jenkins-nexus for continuous integration and deployment.
- Automated backup process using Maven resources in **POM.xml**.
- Documenting Installation and Deployment plan for deployment/release of source in all environments
- Participated in installation and configuration of Apache /Tomcat servers.
- Setup and configuring Plans in continuation integration tool Jenkins for project build. Performed GIT branching and Merging Activities.
- Taking Care of Patch and Load build Requests from Development Team
- Generate report and send an email to managers about status of daily builds and weekly builds.
- Good understanding of software development life cycles.
- Created **AWS EC2** instances and Used **IAM, Autoscaling, Load balancer** services all existing setup to AWS cloud
- Worked on creating **S3 bucket** and also attached volume to running instance
- Worked on IAM service and creating **VPCs**
- Designed and documented CI/CD tools configuration management.
- Created a Continuous Delivery process to include support building of Docker Images and publish into a private repository.
- Orchestrated CI/CD processes by responding to Git triggers, human input, and dependency chains and environment setup.
- Used CI/CD tools Jenkins, Git/GitLab's, Jira and Docker registry/daemon for configuration management and automation using Ansible

Brocade Communications, from Dec-2017- Jun 2021 (DevOps Engineer)

Project: Call Center Services (CCS)
Technologies: Jenkins CI/CD, Git, Docker, Ansible, AWS.
Team Size: 5

Academic Credentials

- MCA (Jyoti Nivas Collage, Bangalore.)