**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**

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| --- | --- |
| **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.)