Name: **Amit Prabhakar Kamble**

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**Professional Summary:**

* **Having nearly 7 years** of rich work experience in Information Technology along with Amazon Web Services (**AWS**), **DevOps Engineer**, Build/Release Management, Containerization, Continuous Integration/Continuous Delivery, Deployment and Linux System Management.
* Hands-on experience in **EC2, VPC, S3, IAM, SNS, Cloud Watch, EBS, Elastic Load Balancer (ELB), Auto Scaling Group,** **Route53, RDS, DynamoDB, Lambda, CloudFront, CloudFormation.**
* Worked on **Linux in Cloud Computing environments using AWS.**
* Installation and configuration of various types of Windows, Red Hat, Amazon Linux, Ubuntu, and Centos.
* Experienced in branching and maintaining the version across the Environment using SCM tool like **Git,** **GitHub, Bitbucket** on Linux, and windows platforms.
* Experience with Build Tools like **Maven** to generate project **Artifacts.**
* Experience in **Nexus** **repository managers** for managing artifacts for java, npm applications.
* Working experience in configuration and deploying application on to Web Servers like **Tomcat, Httpd (Apache), Nginx.**
* Used containerization tool **Docker** to write docker file and build custom docker images, run the images on **Docker Container.**
* Good experience in **Ansible,** creating playbooks, roles, applies to servers and manages the worker nodes via agentless configuration management tool Ansible.
* Hands-on experience using **Continuous Integration** tool like **Jenkins,** created an automated build and release environment for **DEV, QA, UAT, Stage and** **Prod**.
* Experience with orchestration tool like **Kubernetes.**
* Experience in deployment of Micro-services with **Jenkins** using Kubernetes on **AWS**.
* Good hands-on experience in tracking tools like **JIRA**, ServiceNow and Remedy.

**Technical Proficiencies:**

**Operating Systems** : Windows, Red Hat, Amazon Linux, Ubuntu, and Cent OS.

**AWS (Cloud)** : EC2, VPC, S3, IAM, SNS, Cloud Watch, EBS, EFS,

Cloud Front, Elastic Load Balancer, Auto Scaling Group, Route53, RDS, CloudFront, CloudFormation.

**Version Control System** : Git, GitHub, Bitbucket.

**Build Tools** : Maven and Gradle

**Repositories** : Nexus

**Languages** : Shell Scripts, JSON and YAML.

**Tracking Tools** : Atlassian Jira/Confluence, ServiceNow, Remedy

**Web Servers** : Apache Tomcat, NGINX

**Databases** : MySQL, RDS, DynamoDB

**Other Tools** : Docker, Kubernetes, Ansible, Jenkins, CloudFormation,

Terraform, SonarQube, Prometheus and Grafana

**Academic Qualifications:**

* Completed BE (EXTC) with 65.50% Shivaji University
* Passed H.S.C. with 65% Kolhapur Divisional Board
* Passed S.S.C. with 75.87% Kolhapur Divisional Board

**Professional Profile:**

**Current Company** : Persistent System Ltd.

**Designation** : Senior Software (DevOps) Engineer

**Duration** : From December 2021 to present

**Responsibilities:**

* Collaborated with various team & management to understand the requirement & design the complete system.
* Responsible for managing and maintaining dev, staging and production environments.
* Used **AWS** services such as EC2, VPC, S3, IAM, SNS, Cloud Watch, EBS, Elastic Load Balancer (ELB), Auto Scaling Group, Route53, RDS, DynamoDB, Lambda, CloudFront, CloudFormation.
* Experience in implementing and maintaining the branching and build/release strategies utilizing **GIT** on AWS.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins to automate routine jobs for DEV, STAGE and PROD.
* Worked on installation and configuration of **Docker** and creation of custom Docker container images, tagging, and pushing the images.
* Perform Deployment Release to various QA & UAT environments, ensured processes are deployed successfully to production.
* Worked on **Ansible** to automate repetitive tasks, to deploy critical applications quickly, and proactively manage the changes.
* Written **Terraform** state files, output.tf and var.tf files and used git and S3 bucket to store them.
* Containerize applications with **Docker** and **Kubernetes** and deployed many microservices into **EKS** cluster and stored the Docker images into ECS.
* Written Linux server log backup and service monitoring scripts using shell scripts on EC2 servers.
* Hands-on experience in the creating of Kubernetes cluster and worked on creating many pods, replication controllers, replica sets, services, deployments, labels etc. by writing YAML files.
* Used CloudWatch, Prometheus and Grafana to monitor Microservices health, application logs, EKS cluster health, pods, AWS infra services etc.
* Worked on **JIRA** tool and written runbook for deployment release plan and created some technical knowledge articles Confluence.

**Previous Company** : Mind pool Technology (working at Allscripts site)

**Designation** : System Engineer

**Duration** : From June 2018 to December 2021

Worked as a Cloud Ops Engineer in team where I was expected to build and maintain infrastructure that could store, process & manage the huge amount of data collected from various sources.

**Responsibilities:**

* Worked on **Git** to create repository, push the code, create branches for various tasks and merge into master branch and maintain the repository into Bitbucket.
* **Jenkins** as a primary tool for implementing the **CI/CD** of their code releases.
* Created **Ansible** Playbooks for deployments and infrastructure automation purpose.
* **Docker** creation and management, Docker file management, deploying micro-services into Docker container.
* Management of 100+ **Linux** Servers with Multiple websites in Heterogeneous environment.
* Very good hands-on experience on **EC2, EBS, EFS, Elastic Load Balancer, Auto Scaling group,** Security Groups, creating and managing AMIs, RDS Instance and backup etc.
* Working on S3 bucket like version control, Life cycle management, Cross region replication.
* Hands on experience on **VPC** like creating own CIDR block, subnets, assigning IP’s and launching instances into VPC.
* Administering users, groups and setting up of policies by using **IAM**.
* Monitoring all cloud services by using **Cloud Watch**.
* Maintained and configured Web server: Apache and Application servers (Tomcat).
* Diagnosing and quickly resolving **AWS** and **DevOps** resources issues.

**Previous Company** : IT Source Limited (at Honeywell’s site)

**Designation** : Desktop Support Engineer

**Duration** : From Jan 2017 to Jun 2018

**Responsibilities:**

* Proficient in handling calls and providing 1st and 2nd Level Technical Support to end-users.
* Experience in installation of Windows, Configuration, Technical Troubleshooting support of Server Hardware, Operating Systems, Microsoft Application software and peripherals, Windows 7/8.1/10 & Servers.
* Applications troubleshooting on Microsoft Outlook, Outlook office 365 configuration, Skype, data backup, Citrix, Interaction desktop, MS-office and authorized desktop applications.
* Creation and management of Domain, DHCP, Active Directory and user accounts as well as assign access rights and permission to use internet facilities.
* Installation of Anti-virus, Patches and monitoring and taking Server and User System backup.

**Previous Company :** A. P. IT Enterprises, Kolhapur

**Designation :** Support Engineer

**Duration :** From Jun 2016 to Jan 2017

**Responsibilities:**

* Desktop Support up to Client Level including Hardware, Software and Networking problems.
* Installation, Configuration and Troubleshooting of windows OS and their applications.
* On-call support to users for OS, MS Outlook, Outlook Express & application.
* Give support to remote client via team viewer & go-to-access tool.