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Sumit Nikam

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# Experience

* 1.4 years of Software Development and DevOps experience.
* Hands-on experience in DevOps | Sound understanding of Jenkins, Docker, Kubernetes | Skilled in Continuous Integration, Continuous Delivery, Amazon Web Services (AWS) | Capable of setting up infrastructure, implementing end-to-end CICD for micro-services.
* Expertise in all phases of Software Development Life Cycle.

# Skills

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| **Operating systems** | Windows 10, Ubuntu 18.4,Linux |
| **Languages and technologies** | Java, J2EE, Spring Framework, ReactJs. |
| **Tools** | Kubernetes, Docker, Jenkins, Sonarqube, Terraform, AWS, Maven, Git, GitHub, GitHub Actions |
| **Databases** | MySQL. |

**Work experience**

**Cybage Software Pvt. Ltd.** | Pune | [www.cybage.com](http://www.cybage.com/) Software Engineer

Jul 2021 **–** Sept 2022

**Project Name:** CTG-DevOps

## Responsibilities:

**AWS:**

* Responsible for architecting, designing, implementing and supporting cloud-based infrastructure and its solutions.
* Proficient in AWS services like VPC, EC2, S3, ELB, Auto Scaling Groups (ASG), EBS, RDS, IAM, ECS, ECR, EFS.
* Experienced in creating multiple VPC’s along with public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
* Used security groups, network ACL’s, Internet gateways and Route tables to ensure a secure zone for organization in AWS public cloud.
* Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Possess good knowledge in creating and launching EC2 instances using AMI’s of Linux, Ubuntu, and Windows and basic shell script.
* Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
* Created EBS volumes for storing application files for use with EC2 instances whenever they are attached to them
* Configured an S3 bucket for Static website hosting.
* Experienced in deploying a jar file on EC2 instance using AWS Code Deploy using S3 as the source.
* Experienced in using EFS for achieving High Availability of Jenkins server.
* Used the AWS Private link for accessing the S3 Bucket within the AWS Network.

**DevOps:**

* Containerized Spring Boot and ReactJs applications using Docker
* Implemented Distributed Architecture (Master Slave) in Jenkins using JNLP protocol.
* Responsible for installation & configuration of Jenkins to support various Java builds and Jenkins plugins to automate continuous builds and publishing Docker images to the Docker Hub
* Experienced in setting up Baselines, Branching, Merging, Develop, manage Pre-and Post-commit hook scripts, provide support for parallel development.
* Experienced in DevOps tools such as Git, GitHub, Gitlab, Jenkins, Maven ,Docker.

* Experience in Docker deployed Spring boot and ReactJS applications as Containers and also established connectivity between them
* Experience working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds.
* Extensive experience using MAVEN as a Build Tool for the building of deployable artifacts from source code to write Pom.xml.
* Worked on Terraform and created micro services architecture on AWS cloud.
* Experienced in working with GitHub Actions for doing CI of maven projects.

# Academic/professional credentials:

## Education:

* 2017 - Bachelor of Engineering, Sinhgad College of Engineering, Pune, Maharashtra.
* 2013 - Higher Secondary from H.P.T. ARTS & R.Y.K. SCIENCE COLLEGE, Nashik, Maharashtra.
* 2011 - Senior Secondary from Nav Rachana school, Nashik, Maharashtra.

## PG-DAC:

* 2021– Diploma in Advanced Computing (PG-DAC), Know-IT Institute, Pune, Maharashtra.