

# BKV PRASAD

+91- 9494782783

[pbprasad1993@gmail.com](mailto:pbprasad1993@gmail.com)

## SUMMARY

PROFILE SUMMARY Having **4+** years of experience in **DevOps, AWS cloud** computing operations as a at 24x7 support environment, and automation expertise to engineer and deliver best-fit products catering to client requirements and to main sustainable environments in the cloud computing space.

## SKILLS

Technically astute, keeps abreast of the technology trends to deliver innovative and flexible solutions to meet changing business/customer needs in the ever-evolving IT industry. Key skills include.

Cloud	: <b>AWS</b>
DevOps tools	: <b>Git, Jenkins, Maven, Ansible, Docker, Kubernetes (K8s), Terraform.</b>
Languages	: <b>Shell scripting, JSON, YAML</b>
Application/Web Servers	: <b>Apache Tomcat,</b>
Operating System	: <b>RHEL, Ubuntu, Centos.</b>
Virtualization	: <b>Docker</b>
Orchestration	: <b>Kubernetes.</b>

## EXPERIENCE

**Devops Engineer**, 06/2019 - Current  
**MindTree , Aviva**

- Is a British multinational, headquartered in London
- It had about 18 million customers across its core markets of the of UK
- Aviva is a general insurer and a leading life and pension provider
- Aviva is also second general insurer in Canada
- Responsibilities
- Implemented AWS solutions using VPC, EC2, S3, RDS, IAM, Elastic Load Balancer, Auto-scaling, Security groups and cloud watch, Lambda
- Creating various alarms in AWS to have continuous monitoring of resources and billing in AWS
- Designed high availability environment for Application servers and database servers on EC2 by using ELB and Auto-scaling
- Installing, configuring and administering Jenkins CI/CD tool
- Creating CI/CD pipelines by integrating Git, GitHub, Jenkins, and Ansible
- Hands on experience in provisioning, orchestration, packages, services, configuration and deployment using Ansible
- Extensively Worked on Ansible and written playbooks for automation change configuration, provisioning, application deployments, services and packages on On-site servers
- Managed servers on the AWS platform instances using Terraform
- Using docker, I have written the customized Dockerfile for my application and building

the docker images and storing it in Docker Hub registry then running the containers from that docker image whenever requirements needed

- Creating a docker network and connecting docker containers to that particular network interface, creating the docker volumes and attaching containers to that volume and backing up the Logs
- Implemented Jenkins pipeline for deploying my customized Docker containers into the Kubernetes cluster
- Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature
- Deployment automated through Jenkins Job with corresponding environment
- Project# 1 Infra Support
- Designation :
- Good experience in AWS with provisioning & resource management and setting up Enterprise infrastructure on Amazon Web Services (AWS)
- Experience in configure AWS services like VPC, EC2, Auto scaling, AMI, EBS, ELB, IAM, Cloud Watch, RDS and S3
- Experience of configuring highly available, secure and robust VPC in AWS
- Configured security groups, Network Access Control List, Routing Tables
- Using volumes to provide persistence storage to containers
- Worked on scaling our apps using metrics
- Experience of configuring Auto-scaling, Load Balancers to handle the load on servers
- Cloud Watch for monitoring server metrics, creating alarms & integrating with auto scaling in AWS
- Took ownership of the task to be delivered and working extra hours if required to ensure that delivery is not impacted
- Ability to learn and master new technologies and to deliver outputs in short deadlines
- Experience on working with GIT and GitHub - Created Repositories, branches and providing access permissions to the developers over branches
- Extensively worked on Jenkins for CI/CD and for End to End automation for all build and deployments using pipeline scripts and freestyle jobs
- Monitoring daily builds and Verifying logs if build fails in Jenkins
- Creating WAR Files Using the build tool Maven
- Deploying and Automated deployment of artifacts to various environments like DEV, QA, and UAT/STAGING through freestyle and pipeline script
- Verify Deployment logs to check for successful deployments
- Expertise in building automated CI/CD pipeline with the help of Jenkins
- Configured Jenkins nodes to build jobs & distributing the load of Jenkins server and
- Achieved parallel builds using master-slave configuration
- Good experience in writing Terraform template files and modules to create, update, version and provisioning the AWS infrastructure
- Good experience in writing Ansible Playbooks and deploying applications and provisioning Cloud services
- Good Experience in containerization tool Docker and configuring the customized Docker containers and creating docker files for different environments
- Good Experience in container orchestration tool Kubernetes
- I am able to run stateless and stateful applications on k8s cluster, using health-checks, configmaps, and secrets, placement strategies using Node or pod
- TECHNICALSKILLS
- Technically astute, keeps abreast of the technology trends to deliver innovative and flexible solutions to meet changing business/customer needs in the ever-evolving IT industry
- Key skills include
- Cloud : AWS
- DevOps tools : Git, Jenkins, Maven, Ansible, Docker, Kubernetes (K8s), Terraform
- Languages : Shell scripting, JSON, YAML
- Application/Web Servers : Apache Tomcat,
- Operating System : RHEL, Ubuntu, Centos
- Virtualization : Docker

- Orchestration : Kubernetes
- Project#2, Role: DevOps engineer
- Environment: AWS, RHEL, Git, Jenkins, Maven, Docker, Ansible, Terraform, Tomcat, and Kubernetes.

---

**Administration Support, 10/2018 - 05/2019**

- Provide L1 and L2 +Remote, for problems raised on Linux servers
- Remote administration through Putty, SSH
- Installed and configured Debian and Ubuntu for testing the applications
- Experience on file system and disk management
- Creating and managing user accounts, groups and access levels using SUDO
- Configuring the LVMs and adding the additional disk space as and when required
- Scheduling/Controlling of jobs using Cron
- Performance monitoring using, Top, SAR, Vmstat, iostat, netstat and analyzing these reports to figure out any performance issues
- Having good command on ITIL process incident, change management
- Experience on file system and disk management and managing disk quotas
- Performing Mount and unmount operations on file systems.

---

**EDUCATION AND TRAINING**

*Bhimavaram Institute of Engineering, affiliated to JNTU University*  
BTech

---

**PERSONAL DETAILS**

Marital status : Married  
Languages Known : English, Telugu