

ASHISH N. KHOBRAKAR

DEVOPS ENGINEER

CONTACT:

Address: Plot No.- 66, New Balaji Nagar
(Extension), Behind Naik Hospital, Manewada,
Nagpur - 440027

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PROFESSIONAL EXPERIENCE:

Company: GIP Technologies Private Limited

Since 03th SEP 2018.

CAREER OBJECTIVE:

Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

SKILLS:

CLOUD COMPUTING: AWS, EC2, VPC, S3, Cloudwatch, Cloudtrail, IAM, EBS, EFS, Auto-Scaling, Elastic-loadbalancer, MS-Office

LANGUAGE: English, Hindi, Marathi, German(Beginner).

HOBBIES:

- Playing Guitar
- Playing Cricket
- Watching Animes

ROLES AND RESPONSIBILITIES:

LINUX:

- Performed standard system administration tasks such as troubleshooting, problem resolution, and installing packages.
- Managed disk and file system using LVM.
- Launching Apache Tomcat, Apache webserver.
- Updating the QA system, pre-prod, Support Production environment.
- Performed Linux administration tasks such as user account management, password policy, user permission and file system sharing.
- Wrote shell scripts for various system tasks such as backups, collecting logs in Cloud Bucket and installation.
- Wrote YAML Scripts for various Kubernetes tasks.

AWS:

- Experience in AWS services such as EC2, VPC, Cloud Watch, S3, EBS, Cloud trail, ECR, WAF, IAM, RDS, EFS, Auto-Scaling, Elastic Load Balancer.
- Experience in designing and deploying dynamically scalable, available, fault-tolerant, and reliable applications on the Cloud.
- Hands on experience Bash shell Scripting on Ubuntu linux environment with Amazon AWS CLI.
- Good understanding of networking concepts including VPC, VPN, NAT-Gateway, Subnets and Route-Tables.
- Incorporated NAT Gateways for Private IP Address/Subnet connections.
- Good understanding in configuration of security groups for EC2 instances NACL's, Internet-Gateway for Subnets in AWS public cloud.
- Configured Elastic load balancers for incoming loads.
- Hand on experience in Auto-scaling and Elastic Load Balancer features on EC2 instances to serve the end users using applications during unexpected traffic/demand.
- Configured auto scaling in customized VPC, based on elastic load balancer (ELB) traffic and

- using ELB health check in order to trigger auto scaling actions.
- Experience in creating alarms and notifications for EC2 using Cloud Watch.
- Monitoring resources and Applications using AWS Cloud Watch, including creating alarms to monitor metrics such as EBS, EC2, ELB, RDS, S3, SNS and configured notifications for the alarms generated based on events defined.
- Monitoring the Aws logs in Cloud trail. Transferring the cloud trail logs in cloud watch and creating filter for monitoring purpose and storing the Cloud trail logs in S3 buckets.
- Configured security service such as Web Application Firewall in Aws Resources Load Balancer to allow or deny specific network.
- Experience in creating S3 buckets in the AWS environment to store files and managed life cycle policies for S3 buckets and used S3 bucket and it's various types for storage and backup on AWS.
- Good knowledge of EC2 instances and launching various AMI's.
- Good knowledge of RDS and use of RDS Multi-AZ for automatic failover and high availability at the database tier workloads
- Created Snapshots and Amazon Machine Images (AMI's) of EC2 Instance for snapshots and creating clone instances.
- Used IAM to create new accounts, roles and groups.
- Configuring IAM roles for EC2 instances and assigns them policies to provide additional security to AWS account and its resources.
- Configured SNS for S3 and EC2 instances for notifications.
- Created AWS Route53 to route traffic between different regions.
- Experience in creating EBS volumes for storing application files and mounting it with other EC2 instances.

DevOps:

- Good knowledge of DevOps tools such as Git, Docker, CI/CD Tool Jenkins, Kubernetes.
- Worked on version control tools GIT and utilized Source code administration customer repositories like GitHub.
- Created new development branches and merged release branches after the production release and resolved the conflicts arose during the merge in version control tools GIT.
- Deployed server automation with Continuous Integration - Continuous Deployment tools like Jenkins/Maven for deployment and build management system.
- Developed build and deployment scripts using Maven as build tools in Jenkins to move from one environment to other environments.
- Experience in working with EC2 Container Service plugin in Jenkins which automates the Jenkins master- slave configuration by creating temporary slaves.
- Creating Jenkinfile for automating the Jenkins pipeline process.
- Worked on installing of Docker. Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
- Experience in creating Docker Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch.
- Created Docker images using a Docker file, worked on Docker container backups, removing images and managing Docker volumes.
- Managed Docker orchestration and Docker containerization using Kubernetes.
- Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
- Good knowledge of objects in Kubernetes, creating local cluster and deploying application containers.
- Developed monolithic applications to a microservice using Jenkins and Kubernetes cluster allowing for easy creation and maintenance of build jobs.

- Knowledge of creating Kubernetes clusters using various setup such as Kubeadm, Kube-proxy, Eksctl, etc.

ACADEMIC QUALIFICATION:

Graduation completed in CE from Yashwantrao Chavan College Of Engineering, Nagpur

SR.NO.	CLASS	SCHOOL/COLLEGE	YEAR	PERCENTAGE/POINTER
1.	B.E (C.E)	YCCE	2012	8.04 CGPA
2.	CLASS XII	(MAHARASHTRA STATE BOARD)	2012	87%
3.	CLASS X	(MAHARASHTRA STATE BOARD)	2010	93.64%

STRENGTHS:

- Problem solving ability.
- Excellent Communication & Presentation skills.
- Co-operative & keen observer.
- Can work under Pressure Situation.
- Leadership Qualities.
- Eveready to gain knowledge about new things.
- Accepting challenging task.

CO-CURRICULAR & EXTRA-CURRICULAR ACTIVITIES:

- Core Organizing Committee Member, Design CO- Head in 2016 at Antaheen- A College Level Tech Fest.
- Completed “Dale Carnegie : Generation.Next Program”.
- Attended a workshop by Dr. Suresh Chari under IIPC.
- Participated in SPANDAN 2015-National level conference in 2013 & 2015.
- Organizer of Truss-ted event under YCCE fest 15.0.

PERSONAL INFORMATION:

- Father's name : Narendra J. Khobragade
- Mother's name : Mala N. Khobragade
- Date of birth : 05th apr 1994
- Sex : Male
- Marital Status : Single
- Nationality : Indian
- Languages known : Marathi, Hindi, English, German(beginer)
- Permanent address: Plot No.-66, Balaji Nagar (Extension), Behind Naik Hospital, Manewada, Nagpur -440027