**Dinesh Kumar** **Role Sr. Devops Engineer**

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**PROFESSIONAL SUMMARY**

8+ years of DevOps and SysAdmin experience.Focusing on Automation using Git/Svn, Terraform,Jenkins,Ansible and Shell Script. Sound understanding of Docker and cluster management kubernetes.Experience in backup and restore of whole application from different DC.Sound understanding of Grafana, Nagios for system and application monitoring and alerting.An enthusiastic team player and deep creative thinker.

**TECH STACK**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | AWS, GCP, Azure |  |
|  | **Public** | **Cloud** |
|  |  |  |  |  | Git, BitBucket, SVN |  |
|  | **Source** | **Code** |
|  | **MAnagement** | |  |  | MySql, PostgreSQL, Aerospike |  |
|  |  | |  |  |  |
|  | **Data Stores** | |
|  |  | |  |  | Apache Tomcat, Apache HTTP Server, Nginx |  |
|  | **Web Servers** | |
|  |  | |  |  | Linux, Debien, Ubuntu, Centos, Fedora |  |
|  | **Operating Systems** | |
|  |  | |  |  | Grafana, Nagios |  |
|  | **Monitoring Tools** | |
|  |  |  |  |  | Docker Swarm, Kubernetes |  |
|  | **Micro-services** | |
|  | **Management Tools** | |  |  | Jenkins |  |
|  |  | |  |  |  |
|  | **Continuous** | |
|  | **Integration** | |  |  | Terra-form |  |
|  |  | |  |  |  |
|  | **Infrastructure** | |
|  | **building** | |  |  | Ansible, Puppet |  |
|  |  | |  |  |  |
|  | **Software** | |
|  | **configuration** | |  |  |  |  |
|  | **management** | |  |  |  |  |
|  |  | |  |  | Kafka, Elastic search, Kibana, Log stash |  |
|  | **Other tools** | |
|  |  |  |  |  |  |  |

**EXPERIENCE**

**System Architect | TORCAI DIGITAL PVT LTD | Pune, India**

**March 2019 – present**

**TorcAI** everages advanced Data Sciences and Machine Learning to stitch ... assets and reduce dependence onthe closed gardens of **digital** advertising. ... such as Bidder, BI, RTB Analytics, Server Side Header Bidding, **Private** Exchange, etc.

Setup CI and CD with the help of Jenkins, AWS and Bit-bucket

Automating EC2 instance provisioning and configuration with terraform. Troubleshooting with 3 Node Cloudera Hadoop Cluster

Maintaining high availability of application

Grafana is designed for analyzing and visualizing metrics such as system CPU, memory, disk and I/O utilization

Setup the kafka and Aerospike cluster

SVN Branch strategy according to product

**Technologies**: MySQL, Nginx, AWS, GCP, HaProxy, Aerospike, Grafana, Cloudera, SVN, Kafka, Ansible, Jenkins, Docker, Kubernetes, Shell

**Sr Software Engineer | GREAT SOFTWARE LABORATORY | Pune, India**

**Oct 2016 – Feb 2019**

**GS Lab** has been an outstanding IoT solution partner, being one of the earliest in the market to invest in IoTexpertise, **GS Lab** has quickly become a role model and consistently delivered great customer value and innovative solutions on our Stack in various verticals, such as smart cities and Industrial IoT.

Setup CI and CD with the help of Jenkins, AWS and Bit-bucket

End to End implementation of DevOps & CI-CD practice Terraform template created for the aws infra setup

Backend and frontend communication with HAproxy or ELBs Build Application with microservices in docker

Manage the docker containers with kubernetes

Manage centralize all logs with the help of EKL setup Monitoring the all system with nagios

**Technologies**: Jenkins, MySQL, HaProxy,Terraform, AWS, Bit-Bucket, Nagios, Docker, Kubernetes, ELK), Shell

**Sr. System Administrator | Jetsynthesys Pvt Ltd | Pune, India**

**March 2015 – October 2016**

Jetsynthesys is BUILDING FOR. BUSINESS. CREATING FOR. CULTURE Enter and scale the world's fastest growing mobile marketplace. We're connecting India to the world and you to India. Build your business with our unified technology platforms, distribution channels, policy influence, celebrity relationships, capital, and incubation.

AWS Setup in ec2 Instance and S3 Storage with Security Installation and configuration fuse

Installation and configuration Maven and local Maven repo Implementation and troubleshoot LAMP with Haproxy.

Implementation and troubleshoot on Puppet server

Implementation and troubleshoot Mysql Master slave replication Implementation and troubleshoot Nagios server for the Monitoring

**Technologies**:*AWS, Apache*, Haproxy, MySQL, Mongo, Java Fuse, Maven, Nagios, Puppet

**System Administrator | Keen & Able Computers Pvt Ltd | Noida, India**

**August 2012 – March 2015**

**Keen** & **Able Computers Pvt Ltd** was established in 1996 as Open Source movement was just beginning totake shape. We believe in the power of Open Source. Like the communities working around Open Source in a

collaborative manner, we have been working with our customers to provide solutions they can depend on.**Keen** & **Able Computers Pvt Ltd** providing complete end-to-end solutions to our clients and their IT needs. The philosophy of Open Source and Linux guide

Support for Linux server support

Project development using PostgreSQL and MySQL

Troubleshooting Mail server, Squid and Puppet server issues. Nginx web server with Corosync Cluster of web server

Implementation and troubleshoot on Puppet server

Installation and configuration postgresql database with Pgpool cluster Implementation and troubleshoot Nagios server for the Monitoring

**Technologies: *AWS, Apache*, Haproxy, MySQL, Mongo, Java Fuse, Maven, Nagios, Puppet**

**EDUCATION**

**B-Tech in CSE** | **Maharshi Dayanand University** | Haryana, India

**2008 – 2012**

*percentage in Degree is* **60%**

**CERTIFICATIONS**

**Red Hat Certified Engineer** | Fostering Linux

**2012**

**Red Hat Certified System Administrator (RHCSA)** | Fostering Linux

**2012**

**PROFILES**

LinkedIn: *https://www.linkedin.com/in/dinesh-kaushik-79007470/*

Github/StackOverflow/Behance/: *https://gitlab.com/kdinesh*