Sudipt Sharma

Devops Engineer

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ABOUT

5+ years of experience and a creative professional with knowledge of DevOps solutions and open source tools. Proficient Knowledge in Managing IT infrastructure in the cloud with a penchant for AWS along with well versed in python programming. Apart from projects, gained expertise in training programs, content creation, blog writing/reviewing, and local meetups.

Objective is to work in a challenging atmosphere with ample opportunities to learn and grow with constant enrichment of knowledge through best utilization of my skills in all dimensions.

SKILLS

Major Strong Skills	:	Cloud Infrastructure, Build & release, Automation, Monitoring
Cloud	:	AWS
IAAC	:	Terraform
Continuous-Integration	:	Jenkins, Gitlab-CI, Circle-CI
Software Configuration	:	Ansible, Puppet
Programming	:	Python
Containers & Orchestrators	:	Docker, AWS ECS, Kubernetes, Nomad
Monitoring	:	Prometheus, Elastic Stack, TICK
Others	:	Consul, HAProxy, MySql, Kafka etc

EMPLOYMENT

Opstree Solutions, Noida : *Devops Specialist* | **August 2018 - PRESENT**

SRE Ad Platforms at Apple(Ad Platforms) via Opstree Solutions

➔ Owning the reliability of ad-platforms.
➔ Managing private cloud of Apple's Ad Platform with puppet, running over 8k containers in nomad cluster and ensuring site availability with TICK Monitoring.
➔ Managing Hybrid infrastructure with AWS and Private Datacentre.
➔ Bridging gaps of metrics collection with python scripting.
➔ Design and develop tools that are aiding in improving the reliability of infrastructure.
➔ Engaging with engineering teams to improve on-call efficiencies, drive incident management

and post-mortem analysis.
➔ Migrating containers from nomad cluster to Kubernetes cluster.
➔ Developed expertise in Apple Infrastructure and best practices and bring that to ad-platforms to run world class distributed systems.
➔ Improved areas like capacity planning, configuration management and monitoring.
➔ Design and improve architectures of new and existing systems based on the principles of reliability and high availability with extensive logging and observability.
➔ Design our next generation container platforms to run ad services.
➔ Working on system/tooling to improve the observability of ad systems.

Sr. DevOps Engineer at EZMall(https://www.ezmall.com/), Noida via Opstree Solutions

➔ Taking over responsibilities as a Senior DevOps Engineer and managing the existing infrastructure on AWS.
➔ Automating day to day tasks with python.
➔ Migrating freestyle Jenkin jobs to shared library and creating Disaster recovery for Jenkins server.
➔ Setting up log monitoring with ELK for java based applications running in EC2.
➔ Containerisation of microservices and running them in AWS EKS.
➔ Optimising cost of existing infrastructure.
➔ Migrating Infrastructure Monitoring with Zabbix to Prometheus & Grafana.
➔ Enhancing Monitoring with Alert triage to reduce noisy alerts.

DevOps Engineer at Wheelseye(https://wheelseye.com/) ,Gurgaon via Opstree Solutions

➔ Revamping the old AWS infrastructure for cost optimisation & performance with best practices.
➔ Containerization of services and migrating them from standalone servers to AWS ECS.
➔ Automated infrastructure provisioning with IAC (Terraform).
➔ Automated build and release with jenkins reducing time from 12-15 minutes to 4-5 minutes.
➔ Setting up Infrastructure monitoring and alerting with Prometheus.
➔ Central log monitoring with ELK stack for AWS ECS services.

OpenSource Contribution & Participation in Opstree Solutions

➔ Managing In-House project OT-OSM which focuses on creating production grade Ansible roles for open source contribution in Ansible Galaxy.
➔ Similar to OSM, focused on creating Terraform Modules for open source contribution under the name OT-CLOUD-KIT
➔ Responsible for providing Training to the candidates in DevOps Culture and tools associated with it.
➔ Creating quality content and samples to showcase the latest and greatest technology.
➔ Writing/Reviewing blogs about various use cases he came across along the journey.

GlobalLogic technologies, Gurgaon : *System Analyst |* April 2016 - July 2018

Roles & Responsibilities

➔ Implements computer system requirements by defining and analyzing system problems; designing and testing standards and solutions.
➔ Defines application problem by conferring with clients; evaluating procedures and processes.
➔ Develops solution by preparing and evaluating alternative workflow solutions.
➔ Controls solution by establishing specifications and coordinating production with programmers.
➔ Validates results by testing programs.
➔ Ensures operation by training client personnel and providing support.
➔ Provides reference by writing documentation.
➔ Accomplishes information systems and organization mission by completing related results as needed.

Precitech Engineers, Noida : *Quality Assurance Engineer |* October '15 - March '15

Roles & Responsibilities

➔ Designing Server Racks to meet client requirements.
➔ Ensuring Product Quality at each level of Manufacturing.
➔ Designing and ensuring the bend size in the Bending shop.
➔ Ensuring Weld Quality in Welding Shop.
➔ Ensuring the paint Quality in Powder Coating Shop.
➔ Accomplishing overall Quality Benchmarks for the finished Products.
➔ Generating Quality Assurance Reports.

EDUCATION

Dr. A.P.J Abdul Kalam Technical University, Noida
Mechanical Engineering | 2011 - 2015

Ramjas School, Pusa Road, New Delhi
12th Standard CBSE | 2011

S.D Public School, Patel Nagar, New Delhi
10th Standard CBSE | 2009

PERSONAL DETAILS

Date of Birth: *15th October 1993*
Address: *School Block, Shakarpur, New Delhi-92*