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Experience:

Total Work Ex: 8+ years

Jan 2019 - present

DevOps lead at Coviam Technology. Infrastructure management in GCP for [BliBli.com](https://blibli.com). Provisioning and maintenance of VM's, K8's cluster and infrastructure network. Migration of monolithic application to containers. Developed Internal task automation using StackStorm and ChatOps.

April 2017 - Jan 2019

Production Engineer II at Ola(Ani Technologies). Working on Ola's infra team which includes management and development of infrastructure on multicloud. Currently working on Mesos, Marathon, Docker, Chef, Prometheus, Chronos, Kubernetes & some in-house software.

Nov 2016 - Jan 2017

Devops consulting [@robocop.io](https://robocop.io).

July 2016 - Aug 2016 @Octo.ai

Simplified the installation setup for octo.ai framework with help of Docker. Check work here: <https://github.com/octoai/octo.ai/wiki/Docker-Setup-Guide>

Dec 2014 - July 2016 @Askme.com (Getit Infomedia)

Built and setup infrastructure in AWS using Chef & Fog for configuration & provisioning of servers. Sensu and Graphite for metric collection, Nginx as proxy server & Go-Cd, Capistrano for deployment of micro-services.

Introduced Docker and Mesos to askme infrastructure in late 2015 as we started moving our services to containers. Completed setup for deployment of containers using Mesos, Marathon and Consul.

July 2014 – October 2014

Did backpacking in Bhutan, East African countries(Kenya, Tanzania, Malawi, Mozambique) & some parts of India.

March 2011 to June 2014 @Slideshare (LinkedIn)

Worked as a core part of DevOps team maintaining site with 60 million hits/month. Automation & Monitoring using Puppet, Nagios, Ganglia & Newrelic. Comprehensive database management, replication setup, management of AWS & Softlayer infra.

Projects:

Design development and deployment of infrastructure:

Designed the CI/CD of infrastructure code using Terraform and Atlantis. Event driven automation using Stackstorm. GKE management using terraform in GCP.

Ohai Plugin for custom metadata:

Wrote custom Ohai plugin for fetching custom metadata attached with services and provide it as Ohai attribute in the server.

Common cookbook for service(ip/hostname) discovery:

Custom cookbook for discovering ip's and hostname associated with services(eg: kafka,ES) for configuring any cluster setup of a given service.

Chef wrapper cookbook:

Wrote chef wrapper cookbook for all micro services used in Askme infra. These wrapper codes are based on top of community cookbook and makes customisation easier for service and config of servers.

Upgrade Puppet master & Puppet code refactor:

Upgrade Puppet master server to an upstream version for staging and production env with code refactor in order to reduce puppet runtime for each server.

Mysql Replication setup:

Setup mysql server for backup of passive db servers with replication.

Which Server API for master/slave pairs:

Made a Sinatra app which provides detailed information for current active/passive servers in cluster with a simple dashboard for easy understating of states of servers.

Setup svn server for internal repo:

Setup of in-house SVN server for internal projects which require fast access of code.

Mail server upgrade:

Upgraded existing postfix mail server to an upstream version with SSD storage in server for fast processing of mails. Also made new puppet module for postfix setup for easy implementation.

Technical Skills:

- **Language:**
Python(intermediate level) & Shell scripting, Go(Intermediate level)
- **Monitoring & Automation tool:**
Terraform, Atlantis, StackStorm, Puppet, Chef, Nagios, Sensu, Graphite, Logstash, Prometheus, Newrelic, Atlantis
- **Container Orchestration Tools:**
Docker, Mesos, Marathon, Kubernetes
- **Database:**
Mysql, Postgresql
- **Service Discovery:**
Consul, Consul-template, Etcd
- **Web/Proxy Server:**
Nginx & Haproxy

Hobbies:

- Backpacking, Running,