

# Yogesh Khandu Kunjir

DevOps Practitioner

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🎂 27<sup>th</sup> Feb 1987    💍 Married    📍 Mumbai, Maharashtra, India



Dear Sir/Madam,

I was excited to see a job opening that suits my profile and aspirations. If you are searching for a DevOps professional with a proven ability to develop and support high-performance applications and technical innovations? Then do consider my profile.

I have overall 7+ years of experience in Support infrastructure, Design, Plan, implement, execution of various project and DevOps. During the last 7 years, I have evolved from the different positions held in renowned organizations like Capgemini India Pvt. Ltd., Infosys Pvt. Ltd and Continuum Managed Services India Pvt. Ltd. I have started with data-center operator to current DevOps so I believe that the skills and experiences I have gained through my tenure as make me an ideal candidate for this job position.

I have successfully executed multiple roles such as System Admin, DevOps Engineer, Solution Architect, Technical Leader, Trainer, and Mentor. In addition to technical expertise. I love to solve the complex problem along with learning new thing and implement them in the best possible ways.

I am currently working for designing, developing and implementing a platform on top of Kubernetes Cluster for deploying GoLang Micro Services.

I have created a opensource hobby project on golang called KAAU(Kubernetes Authorization Authentication Utility) KAAU is a web-based application it does CRUD(Create, Read, Update, and Delete) on Kubernetes Authentication and Authorization

<https://github.com/yogeshkk/KAAU>

I look forward to a personal interview at your convenience.

Sincerely,

Yogesh Khandu Kunjir



# Yogesh Khandu Kunjir

Senior Software Engineer at Continuum

DevOps Professional, Golan Beginner

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## ABOUT ME

High-energy, confident IT professional with an infectious enthusiasm for technology. Holds masters in Computer Application with 7 years of comprehensive experience in Infrastructure design, Problem solving, Release management and DevOps.



## SKILL SETS

- RHEL, Centos, Ubuntu
- AWS, VMWare, Docker
- Kubernetes, Docker Swarm
- Istio service mesh
- Ansible, Terraform
- HAProxy, Nginx, Envoy, Traefik
- Apache Webserver, Tomcat
- Jenkins
- Bash, Groovy
- Artifactory
- GitHub, TFS
- Zookeeper, Consul
- Hashicorp Vault
- MySQL, MongoDB, Cassandra
- ELK Stack, GrayLog
- Nagios, Prometheus, Grafana, Dynatrace
- Jira, Confluence, ITSM
- Release Engineering, Continues Integration & Continues Deployment



## HOBBIES

- Project KAAU
- Reading (Technical, non technical)
- Photography
- Computers



## EDUCATION

- 2012 ● Masters in Computer Application, Mumbai University.
- 2006 ● Bachelors in Science, Mumbai University.



## RECOGNITIONS

- 2019 ● Spot award for stepping up and making difference.
- 2017 ● Insta award for exceptional performance.



## ACHIEVEMENTS

- 2019 ● Created new CICD using Groovy for deployment in K8s with Istio.
- 2019 ● Created new Tooling setup (all DevOps tool in K8s).
- 2018 ● Kafka upgrade with zero downtime.
- 2017 ● Containerized Micro-services from AWS.
- 2016 ● One-click CDN site deployment.
- 2013 ● Data center migration.



## EXPERIENCES

- 2018 ● Continuum Managed Services | Sept -2018 – till date | 10 months.
- 2015 ● Infosys Service Private Ltd. | Dec 2015 – Sept 2018 date | 2.9 yrs.
- 2012 ● Capgemini India Pvt. Ltd. | Nov 2012 – Dec 2015 | 3 yrs.
- 2008 ● UGC Academic Staff College | Oct 2008 – Aug 2009 | 9 Months.



## CERTIFICATION

- 2013 ● AIX 7 Administration.
- 2012 ● Certified Ethical Hacker – CEH.
- 2010 ● Red Hat Certified Engineer- RHCE.



## PROJECTS SUMMARY

### CICD using shared library – DevOps 2.0

**Role :** DevOps Engineer, Developer

**Duration :** 4 months+ | **Tech Stack :** Jenkins, Groovy, Kubernetes, Istio

Replace existing CICD which is freestyle Jenkins jobs.

#### Responsibilities :

- Create a new CICD using Jenkins shared library in groovy.
- We should be able to create a build of any branch using the multi-branch pipeline.
- New CI should be able to handle 100's of parallel jobs.
- Both CI and CD will be handled in single Jenkins file i.e. one job
- It should able to deploy to all environments from integration till production.
- It will be created in new tooling created as part of DevOps 2.0
- It should be able to deploy to AWS as well as on Kubernetes.
- In Kubernetes, Istio service mesh will be used for communication within and outside Kubernetes.
- Use Kubernetes plugin to create Jenkins slave as a Kubernetes pod and BlueOcean for better visualization.
- Configure Artifactory to store build. Sonar to scan code and Hashicorp Vault to store all sensitive data.



## PROJECTS & RESPONSIBILITIES

### Create new Tooling environment - DevOps 2.0

**Role :** DevOps Engineer

**Duration :** 2 months | **Tech Stack :** KOPS, Kubernetes, Helm, Ansible

Replace existing DevOps tools with a new tooling environment.

#### Responsibilities :

- Research and plan a tooling environment.
- All tools should be available under a single umbrella.
- All tools should be either SSO or AD login.
- Create a Kubernetes cluster using Kops.
- Install all DevOps tools such as Jenkins, Artifactory, Sonar, Hashicorp Vault, Prometheus, Grafana and Graylog inside a Kubernetes using Helm charts.
- Create automation for Kubernetes cluster creation and tools installation.
- It should be available on one domain and different context path with HTTPS
- Configure All tools using the best possible configuration.
- All tools will be highly available.
- Use configuration as code as much as possible.
- Create test and implement Kubernetes backup and restore plan using Heptio Velero
- Setup Kubernetes monitoring using Prometheus and Grafana.
- Setup Kubernetes logging using Fluentd and Graylog

### ActiveMQ Implementation

**Role :** Architect, DevOps Engineer

**Duration :** 2 months | **Tech Stack :** ActiveMQ, Terraform, Ansible

Implement new ActiveMQ Messaging queue system

#### Responsibilities :

- Work with architects to design Apache ActiveMQ cluster.
- It should be highly available and scalable
- Create cloud-agnostic automation to create an ActiveMQ cluster using terraform
- Create a maintenance job for ActiveMQ for support teams.

### Kafka Version Upgrade

**Role :** Architect, DevOps Engineer

**Duration :** 2 months | **Tech Stack :** Kafka, Terraform, Ansible.

Replace the existing old and buggy Apache Kafka version.

#### Responsibilities :

- Kafka is the core component so come up with a plan to upgrade without the downtime and no data loss.
- Kafka automation from AWS CloudFormation to cloud-agnostic terraform.
- Create automation for the Kafka upgrade.
- Upgrade Kafka from integration and production.

### Implementation of Ecommerce Platform

**Role :** DevOps Engineer, Architect

**Duration :** 8 Months + | **Tech Stack :** SKAVA, Docker, Jenkins.

Implement SKAVA Ecommerce Platform on Client Premises. Recreate architect diagram for the project from a container perspective. Create and execute end to end project plan from installation to implementation. Orchestration all container using Docker swarm orchestrator. Create a CI/CD Deployment for container deployment. Work with testing team to prepare and execute a plan for functional and load testing. Setup monitoring for entire Infrastructure using Nagios. Provide Docker training and knowledge transfer to the various client teams.

### Content Delivery Network Implementation

**Role :** DevOps Engineer, Architect

**Duration :** 11 Months | **Tech Stack :** Nginx, Ansible, HAProxy, Keepalived

Build a Content Delivery Network (CDN) for a telecom client. Manage application and server deployed across pan India. Automate the entire site creation process via Ansible. Managing Servers, Network, and Firewalls. Develop multiple scripts that will help in the analysis of the platform. Work closely with various applications to incorporate CDN in their platform. Install and configure a multi-node Hadoop cluster for CDN analytics.

### Finasure Implementation

**Role :** DevOps Engineer

**Duration :** 3 Months + | **Tech Stack :** Finasure, Red hat.

Build Finasure infrastructure for a banking client. Work with the application team and plan for a project. Build and configure a server as per requirement. Perform patching and hardening to make server secure as per banking regulation. Work with application team to resolve issue till go-live

### NA-DCS Support

**Role :** System Administrator

**Duration :** 3 Yr. | **Tech Stack :** Red hat, Redhat cluster

Provide L2-L3 server support for multiple clients for the North America region. Manage 250+ Red hat Linux and AIX systems for various clients. Working on the incident, change, and problem management with ITIL compliance. Perform software installation, Hardware troubleshooting, Firmware upgrades, and maintenance as and when required. Automate day to day tasks using Bash scripting or Ansible. Work on various projects such as data center migration or migration of physical servers to virtual.

### UGC Academic Staff College

**Role :** Computer Assistant

**Duration :** 9 Months

Manage Linux servers and Fedora desktop. Configure and troubleshoot DHCP and Squid proxy and NFS server. Use and configure local package manager YUM. Work with remote system admin to troubleshoot issues.