

ANMOL RAI

• Cell Phone – (+91)9582833640 • Email – itsrai.anmol@gmail.com

PROFESSIONAL EXPERIENCE

- I have 5.5+ years of experience in Software Configuration Management as DevOps engineer and in Softwar Developer.
- Strong understanding of software development life cycle(SDLC) and automated multiple stages of SDLC like source code management, building and deployment.
- Developed CI/CD framework for application hosted on Kubernetes using JenkinsX.
- Managing production scale Kubernetes cluster using different planforms like EKS.
- Infrastructure as a Code using Terraform.
- Building automation mechanisms in AWS infrastructure provisioning using python (boto3).
- Developed in-house framework for extracting application metrics from AppDynamics production controller in python.
- Developed internal process improvement tool by automating creation of Rally (Agile ALM) items using python SDK.
- Experience in instrumenting and monitoring production applications in AppDynamics and gather data for analysis.
- Experience in maintaining version control systems like GIT, performed branching, merging, labelling/tagging and created remote repositories in GitHub.
- Experience in automating build and deployment process by integrating build tool Maven with continuous integration tool Jenkins.
- Involved in creating containers using Containerization tool Docker for various environments like Dev/QA/Performance/UAT.
- Created Docker-images through Docker file to create containers for various environments for QA team.
- Wrote a shell script for provisioning containers for QA environments using Docker images.
 - Experience in work flows of configuration management tool Ansible, Puppet.
- Automation using Shell Scripting and Python

TECHNICAL SKILLS

- | | |
|-------------------------|---|
| ▪ Operating Systems | : Red Hat Linux 5/6/7, Centos 5/6/7 |
| ▪ Containerization tool | : Docker, Kubernetes |
| ▪ Programming Language | : Python, Boto3, Bash shell scripting |
| ▪ Configuration Mgmt. | : Ansible |
| ▪ Cloud | : AWS, Terraform |
| ▪ CI/CD tool | : Jenkins, JenkinsX |
| ▪ Build tool | : Maven |
| ▪ VCS tool | : GIT |
| ▪ Database | : MySQL, Oracle, DynamoDB |
| ▪ Monitoring Tools | : NewRelic, Datadog, Sensu, Grafana, Zabbix, ELK, AppDynamics, Zabbix |

PROFESSIONAL CERTIFICATIONS

- AWS Solutions Architect – Associate.
Date – 08/April/2018
- Certified Kubernetes Application Developer
CKAD-1900-001393-0100
[CKAD Certificate](#)

PROFESSIONAL EXPERIENCE

Working as a DevOps engineer with **Nutanix** since APRIL 2019 to till date.

- Project Name : Insights
- Technology : AWS, Python, Ansible, Docker, Kubernetes
- Role : DevOps/Cloud Engineer
- Duration : April 2019 to till date

Roles and Responsibilities:

- Manage infrastructure of high scalable clients like Insights. Setup monitoring systems and alerting on the system.
- Writing boto3 scripts to query infrastructure, working with terraform.
- Managing Kubernetes cluster, deployments, services and multiple nodes.

PROFESSIONAL EXPERIENCE

Working as a DevOps engineer with **Sabre Travel Technologies** Bangalore since October 2016 to March 2019.

- Project Name : GetThere
- Technology : AWS, Linux, Python, Ansible, Docker, Python, Shell Scripting, Jenkins
- Role : DevOps engineer
- Duration : Oct 2016 to March 2019

Roles and Responsibilities:

- Responsible for Continuous Integration and Continuous Delivery process implementation using Jenkins along with Python and Shell scripts to automate routine jobs.
- Collaborated in developing toolkit/custom scripts to automate performance testing of the application.
- Worked on ansible deployments, written various ansible playbooks with multiple roles, tasks with loops, templates, host variables, group variables etc.
- Wrote custom python for the application and developed automated performance test suit for the application.
- Extensible worked on configuring application monitoring via Zabbix, configuring host, items, screens.
- Implemented migration of in-house mysql databases to AWS RDS MySQL instances.
- Managing bucket polices of the shared S3 bucket of the team, took care of version-controlling, restricting user access.
- Created Docker images using a Docker file. Worked on Docker container, removing images and managing docker volumes and experienced with Docker container service.
- Profiling the application in performance environment onto AppDynamics.
- Maintaining database (snapshot creation, changing database parameters, retention policies etc).
- Deploying application using Jenkins server and Troubleshoot build and release job failures, resolve, work with engineers on resolution.

PROFESSIONAL EXPERIENCE

Worked as an Software Developer with Pure Software Services Ltd since May 2014 to Oct 2016.

- Project Name : Hubhopper
- Technology : Android, AWS, RESTful API's
- Role : AWS/Android Developer
- Play Store Link : <https://play.google.com/store/apps/details?id=com.hubhopper>

Roles and Responsibilities:

- Provisioning infrastructure in AWS for hosting the application backend servers. Leveraging VPC, EC2, RDS, ElastiCache, S3, Cloud Front, SQS, SNS, Lambda.
- Configured Auto-Scaling groups and load balancers behind a cluster of Ec2 instances to cater.
- Configured Cloud Front to distribute content across locations and faster readability from edge-locations.
- Developed Android Application for Hubhopper right from scratch to shipping into production.
- Used different tcp,udp sockets for client-server communication (socket.io,websocket, udp datagram)
- Used Google Cloud Messaging (GCM) for enabling push notifications.

PROFESSIONAL EXPERIENCE

Worked as an Software Engineer with CBI Solutions since July 2013 to Dec 2013.

- Project Name : Management Systems
- Technology : Java, Python
- Role : Software Engineer

Roles and Responsibilities:

- Worked as software engineer on different projects. Wrote Rest Api using Flask Rest. Write OO code in Java using spring mvc and hibernate.

ACHIEVEMENT AND ALLOCATES

- Achieved AWS – Solutions Architect Associate Certification.
- Won site level (Sabre – India) 'Impromptu Toastmasters'.
- Captain of Institute basketball team. Credited as MVP (most valuable player) of the institute.
- Secured **98.82** percentile in AIEEE 2010, **97.39** percentile in GATE-2014, All India Rank-4041

ACADAMIC QUALIFICATION

(2010-2015) 5-year Integrated Post Graduate program **B.Tech+ M.Tech** in Information and Communication Technology from **IIIT- Gwalior**.

Year	Standard	Percentage	Board	School
2010	12th Boards	80.2%	C.B.S.E.	Lawrence & Mayo, Kota
2008	10th Boards	89.8%	I.C.S.E	Christ The King, Jhansi