

TANAY SUTHAR

DEVOPS ENGINEER

PROFILE SUMMARY

DevOps Engineer with 35+ years of hands-on experience in architecting, automating and optimizing mission critical deployments over large infrastructure in AWS, Leveraging Configuration Management and developing CI/CD pipelines.

SKILLS

- AWS EC2, ECS, S3, Cloudwatch, IAM, VPC, Cloudformation, RDS, DeviceFarm, Lambda, SQS, SNS
- Jenkins CI/CD
- Ansible Configuration Management
- Wazuh OSSEC
- ELK (Elasticsearch, Logstash & Kibana)
- Python, Bash/Shell, Expect Scripting
- MySQL/PostgreSQL Databases
- Operating Systems: Linux (Ubuntu/CentOS/Amazon Linux), Mac, Windows Server(2008/2012)
- Nginx, Apache Web servers
- JIRA/Confluence/Bitbucket
- Redash Monitoring
- Qualys/Trustwave Vulnerability Management
- Proficient with Google Cloud & Kubernetes

CONTACT DETAILS

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EXPERIENCE

DevOps Engineer

Bytemark, Inc. - a Siemens Company (Feb 2017 - Present) - Bangalore, IN

- Managing Build and Deployment activities of Play/SpringBoot/NodeJS/AngularJS Apps on environments i.e. development/testing/production using Jenkins.
- Solid Knowledge and Hands on experience with AWS Administration of services like: EC2, ECS, S3, VPC, RDS, IAM, Cloudwatch, SNS, Cloudformation
- Extensively worked on building and deploying applications on AWS EC2 Container Service (ECS)
- Experience in Deploying an NGINX Reverse Proxy Sidecar Container on Amazon ECS
- Expertise with building docker images and containers
- Built and deployed various Ansible playbooks and modules in the Production and pre-production environments.
- Worked on Setting up Squid Proxy to restrict egress traffic from Production Servers by whitelisting IPs and DNS
- Experience in planning and architecting capacity of EC2 instances, ELB/ALB and RDS instances
- Monitored CPU, Memory, Disk Space, Network In/Out, IOPS on AWS CloudWatch for EC2/RDS instances
- Experience in database configuration, migration, performance monitoring as well as backup and data recovery
- Integrated Slack alerts for AWS ECS deployment Success/Failure with AWS Lambda scripts in Python
- Worked on setting up Jenkins Job for iOS/Android/Platform/Web teams and configured slack notifications about Job status
- Active Directory Domain Controller Management. i.e. managed User Accounts, Groups, Workstations, servers on Windows Server 2008/2012 (Creation, Deletion, Permissions and VPN Access)
- Experience in setting up and managing Wazuh OSSEC to collect, aggregate and analyse security data to help detect vulnerabilities and assess system configurations
- Visualize data by building dashboards & Query data sources (MySQL, PostgreSQL, Nginx Logs) on Redash
- Performed Internal Vulnerability Scans on all Production Servers via Qualys Vulnerability Management and resolve if necessary
- Performed External Vulnerability Scans on Public Facing Endpoints of applications via Trustwave Vulnerability and resolve if necessary
- Performed Production Server Patching on Linux(Ubuntu/Amazon Linux) and Windows Servers
- Atlassian Stack Administration (JIRA/Confluence/Bitbucket)

Software Systems Engineer

Verizon communications, Inc. (Oct 2015 - Oct 2016) - San Jose, CA, USA

- Experience managing and configuring ELK(Elasticsearch, Logstash and Kibana) stack with Ansible.
- Experience with automation scripts (Ansible and Python) for AWS Autoscaling and Load Balancing.
- Managed various AWS resources(EC2, VPC, S3) from API calls using Python Boto Library.
- Extensively Worked on AWS CLIs and AWS APIs.
- Experience with Git, Jira, Confluence, Github and Jenkins.
- Hands on Experience with AWS CloudFormation, S3, ELB, EC2, DeviceFarm, Cloud Watch.
- Worked with AWS Device Farm Testing Platform which enables testing on iOS and Android Device.
- Monitors the Live Event programs on "go90" app through iOS devices on AWS Device Farm and sends the ticket to ServiceNow ticketing platform based on successful tests with Python.

- UI Element Automation of "go90" App with Python on Appium Inspector for iOS and Android Device.
- Service Now Live Event Monitoring- Worked with the Operation Center (OC) professionals to generate ServiceNow ticket with Python API for the upcoming Live Events (NFL, NBA, Sport News) on "go90" App
- Good experience with AWS SNS and SQS services.
- Managed MySQL/PostgreSQL Database migrations and backups

UNIVERSITY EDUCATION

California State University East Bay, Hayward, California, USA

Master of Science - Computer Networks

Aug 2013 - June 2015

Dharmsinh Desai University, Nadiad, India

Bachelor of Engineering - Electronics & Communications

July 2008 - May 2012

CERTIFICATIONS

AWS Certified Solutions Architect - Associate

AWS Certified SysOps Administrator - Associate