

Antony S.

Senior DevOps/SecOps/Cloud Security Engineer

SUMMARY

- A technocrat with over 22+ years of experience in IT Infrastructure Architect, Design, Develop, Implement, Document.- 18 years+ working with US timezone and European timezone teams. - Expertise in Infrastructure as Code (IaC) by automating with Terraform and administrative tasks with Puppet, Ansible configuration management including deployment of emergency security vulnerability fixes.- Working on high-load platforms and corporate customers (e.g IBM, ATT, CenturyLink etc). - CIS Benchmarks, Global Security Compliance- Providing mechanisms for deployment, maintenance, and application scaling within OpenShift Container Platform, Kubernetes Cluster, and Docker Containers Technologies.- Upper-intermediate English- Has experience and is ready for a full-time workload in the European timezone (e.g +2 GMT)- Available ASAP

TECHNICAL SKILLS

Main Technical Skills	DevOps, AWS, CIS Benchmarks
Programming Languages	Java, Python
Security	Global Security Compliance Team
Data Analysis and Visualization Technologies	Kibana
Databases & Management Systems / ORM	AWS ElasticSearch, MySQL
Cloud Platforms, Services & Computing	AWS, Azure, GCP
Amazon Web Services	AWS ElasticSearch
Methodologies, Paradigms and Patterns	Agile
Deployment, CI/CD & Administration	Ansible, CI/CD, DevOps, Jenkins, Puppet
Web/App Servers, Middleware	Apache HTTP Server, Apache Tomcat
Scripting and Command Line Interfaces	Bash, Shell Scripts
Operating Systems	Centos, Linux, Red Hat Enterprise Linux, SUSE Linux Enterprise Server (SLES), Unix
	Docker, Kubernetes, Terraform



Virtualization, Containers and Orchestration	
Version Control	GitHub, GitLab, SVN
Logging and Monitoring	Logstash
Platforms	Red Hat OpenShift Container Platform, Red Hat Satellite Server

EXPERIENCE

DevOps Infrastructure Lead

2014 – Tilldate

Responsibilities:

- Provisioning OpenShift Container Platform and Kubernetes Clusters in Azure and AWS resources, VMWare VMs and bare metal using Terraform
- Rolling Updates & Rollbacks: I write YAML definition to create a Deployment strategy
- Logging & Monitoring: I implement ELK (Elasticsearch, Logstash, and Kibana) monitoring tools to identify how our systems/applications are performing
- GCM: (Global Compliant Management)
Automated all CIS Benchmark process using Bash Scripting
Migration of Bash Scripting into Python

RCP (Risk based Continuous Patching):

- Setting up Kubernetes Cluster to many IBM internal Clients
- Continuous Integration (CI): Jenkins to build apps in the cloud and deploy to Kubernetes. Each time I commit code, it has automatically built and tested and bugs are detected faster.
- Continuous Deployment (CD): With continuous deployment (GitHub), I automate the entire process from code commit to production if the CI/CD tests are successful.

CC (Continuous Compliance):

- Setting up Docker Containers to deploy nginx, chef, psql, redis and kafka
- Creating Docker Compose to re-configure containers and also to stop and start the services
- Setting up Docker Logs to analyze all containers status and do the troubleshooting
- Using UCD (Urban Code Deployment) to deliver Hotfix and code release

LEAD CONSULTANT

Responsibilities:

- Managing the team of subject matter experts and mentoring the team members to achieve the project deliverable.
- Directed the planning, design, and implementation of it infrastructure with diversity teams.
- Engaged with project stakeholders and direct the team towards the result.
- Effectively communicating project updates to the management and stakeholders at the right time.
- Responsible for project go-live and work closely with team members, project managers and stakeholders.



- Creating the project documents (charter, stakeholder register, project plan, scope, risk register and change plan, lesson learned documents, closure report).

CUSTOMER RELATIONSHIP MANAGEMENT

Responsibilities:

- Act as VOC (voice of customer) as adding value to customer.
- Experienced in the direct customer relationships to acquire a new business and maintain the existing business.
- Worked with pre-sales team to provide POC and technical discussion with customers.

DEVOPS LEAD

JAN-2012 – TILLDATE

Responsibilities:

- Provisioning OpenShift Container Platform and Kubernetes Clusters in GCP/Azure/AWS resources, VMWare VMs and bare metal using Terraform
- Provide technical support including technical enablement, solution development, solution porting, benchmarking, memory management, kernel tuning, resource optimizations, implementation road map design, and packaging of complex partner products and solutions
- Planning and execution of data center migration and relocation.
- Providing suggestions to improve the system security management

System Development Senior Specialist

11/2008 – 01/2012

Responsibilities:

- Automated UNIX or SUSE/RHEL OS Deployment Services by Blade Logic Tool
- Configuration changes across 5000+ servers using Shell Scripts
- Experience in memory management, performance tuning, and resource optimizations.

System and Network Associates

12/2006 – 10/2008

Responsibilities:

- Build customized LINUX OS suitable for flash drives (Embedded Linux)
- Performance & kernel tuning, securing, auditing monitoring and hardening of systems in Linux
- Install/Configure JAVA, Apache, Tomcat, MySQL
- Advanced Shell Scripting (BASH)

Customer Engineer

01/2003 – 11/2006

Responsibilities:

- Installation of RHEL AS & ES 2.1, 3, 4, Red Hat Linux 8.0, UNIX Ware 2, 5&7.0 on IBM, HP Compaq, Acer servers and Workstations
- Installation of COBOL in Red Hat Linux
- Migration of all data and user accounts to the New server TAR, Rhost, SCP & AT/CRON Utilities



System Engineer

07/2002 – 12/2002

Responsibilities:

- Installation of RHEL 2.1, Red Hat Linux 7.0 on IBM, HP Compaq, Acer servers and PCs respectively
- Configuring various services such as SAMBA, NFS, HTTP, Telnet and FTP Services

Customer Support Engineer

05/2000 – 07/2002

Responsibilities:

- Operating System installation and troubleshooting. Platform involve SUN SOLARIS 2.5.1/2.6(SPARC, ULTRA-1 & 2), UNIX, LINUX, Windows NT4.0, 95, 98 & 2000
- Undertaking Daily backups and weekly backups on DLT4000 TAPE DRIVE, 8mm Exabyte Cartridges and IBM 3590 Cartridges in both TAR and UFS formats Customer Support

Engineer

06/1997 – 04/2000

Responsibilities:

- Operating System installation and troubleshooting. Platform involve Pentium, Celeron- Windows NT4.0, Windows 95,98
- Intel platforms file transfer management between Windows NT servers
- System reinstallation & Restoration from backup and afresh
- Network expansions troubleshooting & configurations based on TCP/IP.

EDUCATION

DEGREE IN BCA (2 YEARS DISTANCE EDUCATION), BACHELOR OF COMPUTER APPLICATIONS ALAGAPPA UNIVERSITY, TAMIL NADU, INDIA

2009

DIPLOMA IN ECE (3 YEARS REGULAR, FIRST CLASS WITH HONORS), ELECTRONICS AND COMMUNICATION ENGINEERING TECHNICAL BOARD OF TAMIL NADU, INDIA

1996

CERTIFICATES

Microsoft Certified

- Microsoft Azure Solution Architect Expert

TOGAF® 9.1 CERTIFICATION TRAINING

RED HAT CERTIFICATE OF ATTENDANCE

- Red Hat Enterprise Linux 7 (RH199)
- Red Hat High Availability Clustering (RH346)
- Red Hat Satellite 6 Administration Version 6.1 (RH403)



- Containers, Kubernetes, and Red Hat OpenShift Administration (DO2850S)

RED HAT OPEN TRAINING CERTIFICATE

- RED HAT DELIVERY SPECIALIST – AUTOMATION
- RED HAT OPENSIFT CONTAINER PLATFORM 4 INSTALLATION
- RED HAT ANSIBLE TOWER IMPLEMENTATION

