UPSTAFF

# 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

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|---|---|
| **Main Technical Skills** | DevOps, AWS, CIS Benchmarks |
| **Programming Languages** | Java, Python |
| **.NET Platform** | Azure |
| **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 |

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| **Virtualization, Containers and Orchestration** | Docker, Kubernetes, Terraform |
| **Version Control** | GitHub, GitLab, SVN |
| **Logging and Monitoring** | Logstash |
| **Platforms** | Red Hat OpenShift Container Platform, Red Hat Satellite Server |
| **Other Technical Skills** | Global Security Compliance Team |

## EXPERIENCE

**DevOps Infrastructure Lead**

2014 – Tilldate
**Responsibilities:**

- Provisioning OpenShift Container Platform and Kubernetes Clusters in Azure and AWS rsources, 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 Arhitect 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 (DO285OS)

**RED HAT OPEN TRANING CERTIFICATE**

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