

# Srikanth Anjuri

DevOps AWS Engineer

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## Professional Summary

Having 7.4 years of demonstrated IT Experience in Cloud computing, DevOps and Security. I am a certified Solution Architect(AWS) and Network Security Expert(Fortinet) as well. Implementing Organization DevOps strategy in various environments of Linux and Windows servers along with adopting cloud strategies based on Enterprise requirement. I have good knowledge in Automation using Python as well as Shell script, CI-CD pipelines and Enterprise Cloud Infrastructure Solution management and design.

## Career Highlights

- ★ Implemented a CI/CD pipeline involving Git, Jenkins for complete automation from commit to deployment.
- ★ Hands on experienced in configuring continuous integration within a development environment using tools such as Jenkins, Ansible, Git.
- ★ Cost optimized for a Health care Application by saving **\$9000** by redesigning the AWS Infrastructure as per the AWS Well-Architected framework.
- ★ Experienced in deploying applications to their respective environments using Elastic Beanstalk.
- ★ Hands-on experienced with Docker Containers for application deployment.
- ★ Health care Application has latency issues, issues were addressed leveraging Cloud services.
- ★ Experienced in Cloud watch, Elastic IP and managing AWS infrastructure, Security Groups on AWS.
- ★ Completed Production environment setup in less time than expected for this applauded by Manager with High-Five Award.
- ★ Experienced in working with version control systems like GIT and used Source code management tools.
- ★ Knowledge of Software Development Life Cycles Methodologies Agile, ITIL and CCSP.

## Educational Qualifications

Graduated in B.Tech (Civil Engineering) in 2013 from Bapatla Engineering College(Autonomous), Andhra Pradesh.

## Technical Skills on Amazon Web Services (AWS cloud)

Having very good hands on experience on EC2, VPC, S3, ECS, Glacier, IAM, SQS, SNS, Cloud Watch, EBS, EFS, Elastic Load Balancer, Auto Scaling, RDS, DynamoDB, AWS CLI, CloudFront, Cloud Formation, Cloud watch, Elastic Transcoder, Cloud trail, Route53, AWS Organizations, Flow logs, Consolidated Billing, VPC Peering and AWS Organizations, Trusted Advisor, AWS DevOps Services.

## Technical Expertise

Version Control system	: GIT, GitLab, GitHub
Build and CI/CD tools	: Maven, Jenkins
Configuration Management	: Ansible, Terraform
Container Tool	: Docker, Kubernetes
Cloud Platform	: Amazon Web Services, Azure
Continuous Monitoring	: Nagios, Cloud watch, Azure Monitor
Scripting languages	: Python, Shell, Ruby, Yaml
Application server	: Apache Tomcat, Nginx, JBoss, HAProxy
Operating system	: Windows, Red Hat Linux, macOS

## Experience Profile

- ★ Working as an IT Infra Engineer in Ritwik software Technologies (Youngsoft Inc) from 21 Oct 2019 to till date
- ★ Worked as a Software Engineer in Kaav Inc from 3 Mar 2017 to 15 Oct 2019
- ★ Worked as a Associate Software Engineer in Doyen Business Solutions from 29 April 2013 to 23 February 2017

## Projects profile

The details of the various assignments that I have handled are listed here in **chronological** order.

### Project #5:

#### **Project – Healthcare**

**Client- h2h digital rx (Own product)**

**Oct 2019 to Till date**

Challenge: H2H Solutions is our own Youngsoft product and in order to serve our customers to the next level in Healthcare.

Solution: We migrated our infrastructure from on-premises to AWS cloud for Operational Excellence, Cost optimization, and Higher Security.

We didn't stop there in leveraging cloud offerings. In the process, we have gone for **All Upfront** in purchasing the **reserved instances**, enabling Multi-Availability Zone for Fault Tolerance with RDS Database service of AWS, encryption of data at rest and in transit for HIPAA Compliance.

Leveraged new age culture DevOps practices & tools to deliver services at a faster pace. Like SVN, Git, Jenkins, CI-CD pipelines. AWS services leveraged EC2, S3, Load balancer, VPC, EBS Volume, Snapshot, Code Pipeline.

### Project #4:

#### **Project – Canada Govt**

**Client- A vibrant city was known for its vivid heritage since time immemorial**

**Aug 2017 to Oct 2019**

#### **Accomplishments:**

- ★ Created **VPC** from the scratch and connected to the network by using Internet Gateways, Route tables, and NATs.
- ★ Extensively used Launch configurations and **Auto Scaling** to provide high availability to EC2 machines and effectively used scaling policies based on web traffic.
- ★ Worked on **S3** bucket like version control, Life cycle management, Cross region replication.
- ★ Suggested improvements by tracking, reporting and analysis of performance of the application using **Google Analytics**.
- ★ Configured **SNS** notification at **Auto Scaling** as well as **Route-53** level to get notifications when server and VPC failures respectively.
- ★ Configured **cloud watch alarms** to get alert whenever any untoward situation arises which helps in addressing issues ASAP time saved.
- ★ Complete understanding of **AWS white papers** as they are providing many guidelines in terms of security, cost control and operational excellence.
- ★ Created **AMIs** and Volumes and played with them like attaching, detaching, creating own AMIs for replication of same environment in same/different Availability Zones as well as same/different regions.
- ★ An effective person in bringing collaborative results and able to deal at all levels within an organization.

**Environment:**Autoscaling,ApplicationLoadBalancer,AMI's,AWSMarketplace,,S3,CRR,GitLab,GitHub,SNS,XAMPP server,Automating EC2 and RDS Instances.

### Project #3:

#### **Project – Insurance**

**Client- Prominent Organisation having larger footprint in U.S.A region**

**March 2017 to Sept 2018**

#### **E-commerce(infrastructure management using AWS):**

As a part of the B2B project, client require an infrastructure hosting solution to be provisioned as quickly and cost effectively as possible to support the testing and deployment of the java component of the solution for the initial release.

#### **Accomplishments:**

- ★ Costing, Design, building and managing the infrastructure environments needed for the projects in the AWS hosting platform using **Bash script**.
- ★ Regularly monitor, research and analyze ways in which the services in AWS can be leveraged for Application enhanced performance.
- ★ Setup **VPC**, Subnets; make connections between different zones; blocking suspicious ip/subnet via ACL.
- ★ Setup Databases on **Amazon RDS**. Monitoring servers through Amazon CloudWatch, SNS.
- ★ Created/Managed DNS records on Amazon **Route 53**.
- ★ Deployed code into the required environments using **Code Deploy**.
- ★ Leveraged AWS CodePipeline to design and implement a Continuous Integration and Delivery Pipeline on **AWS DevOps**
- ★ Followed Incident and Change Management as per **ITIL** Process.

**Environment:**AWSDevOps,Nginx,EC2,EBS,ELB,ACM,RDS,IAM,CloudTrail,VPC,WAF,CloudWatch,Route-53,MySQL,MySQLWorkbench.

### Project #2:

#### **Project – Automobile**

**Client- Esteemed Japanese MNC**

**Oct 2014 to Feb 2017**

#### **Accomplishments:**

- ★ Created CI/CD pipelines by integrating **Git**, GitHub, ant, maven, Jenkins and AWS (provisioning).
- ★ Created a continuous deployment pipeline by creating component processes, Applications and adding environments into handling deployments using code pipeline and AWS code deployment for various deployment scenarios like Tomcat deployment, Multiple applications deployment.
- ★ Designed and implemented Continuous Integration process using tools like **Jenkins** with approval from development and other concerned team members.
- ★ Conducted business impact analysis & risk assessments of business functions. Accordingly, designed, developed, documented and implemented **Disaster Recovery infrastructure** for mission critical servers.
- ★ Coordinated the resources by working closely with Project Manager's for the release and closely worked with Project Manager for all the **IT Operational support**.
- ★ Provide stable build environments for product development.
- ★ Upgrading/Patching Production Environment servers for Stability and Security.

**Environment:** DevOps, Redhat, ElasticSearch, EC2, ELB, S3, CloudWatch, Cloud Formation, AWS, Jenkins, Maven, Ant, GIT, Apache, MySQL.

## Project #1:

April 2013 to March 2016

### Roles & Responsibilities:

- ★ Providing IT support to more than 300 End-users through the ticketing system in addition to that Handling tickets for clients for **Hassle-free work experience** saving time is spin up in net profit to the organisation.
- ★ Responsible for installation, configuration, troubleshooting, support and maintenance of PC hardware and peripherals including desktop PC's, modems and network printers.
- ★ Installation, configuration and maintenance of Windows Servers.
- ★ Applying group policies according to their respective OU and groups.
- ★ Installation of Microsoft SQL 2012/2016, Visual Studio 2010/2012/2013/2015.
- ★ Knowledge of PC hardware and troubleshooting the Networks.
- ★ Installing various software in client machines remotely.
- ★ Maintaining **Kaspersky Endpoint Protection Antivirus Server**.
- ★ Documented and maintained supply of all required inventory
- ★ Maintaining regular back up's
- ★ **Chrome OS IT Admin**, Maintaining Email ID'S of employees and Smart entry details.

### Trainings & certifications

- |   |  |
|---|--|
| ★ AWS Certified Solutions Architect - Associate | ★ AWS Cloud Economics Accreditation                                      |
| ★ Azure Fundamentals Certified                  | ★ AWS Solutions Trained for Partners (APN)                               |
| ★ Network Security Expert Associate NSE-1       | ★ Alibaba Cloud Technical certified                                      |
| ★ Network Security Expert Associate NSE-2       | ★ Microservices on Alibaba Cloud Kubernetes Certified                    |
| ★ Scrum Fundamentals certified                  | ★ ICS CyberSecurity Threats Trained-U.S. Department of Homeland Security |
| ★ Project Management Essentials certified       | ★ Azure Administrator Certified  |
| ★ Lean Six Sigma White Belt certification       | ★ Google Cloud Platform Business Professional Accreditation              |
| ★ Lean Six Sigma Yellow Belt certification      | ★ AWS Business Professional Accreditation                                |
| ★ Google Analytics (GAIQ) certified             | ★ Aviatrix Certified Engineer (ACE)                                      |
| ★ Trustee Exam Certification from CyberArk      |  |
| ★ Scrum Foundation Professional Certified       |  |
| ★ AWS Technical Professional Accreditation      |  |

### Behavioral Competencies

- ★ Adaptable and Flexible.
- ★ Strong interpersonal and communication skills.
- ★ Ability to work on multiple projects / tasks and prioritize work at a faster pace.
- ★ Enthusiastic and Willingness to learn about the Enterprise business and trendy technology.

### Hobbies

- ★ Blog writing
- ★ Reading
- ★ Networking events
- ★ Gardening