Soma Bharath Kumar

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AWS Certified Solutions Architect Associate working as a cloud Engineer in TCS and likely to engage in new opportunities where I can apply my skills and nourish them.

SKILLS

- AWS Cloud
- Load Runner
- Stash
- Python
- Ansible
- Jenkins
- Azure Basics
- Load Runner Cloud

CERTIFICATIONS

- **Amazon Web Services:** AWS Certified Solutions Architect-Associate.
- **Microsoft Certified:** Azure Fundamentals.
- **Hacker Rank:** Python (Basic).

EXPERIENCE (2.5+ YEARS)

Overall 2.5+ years of IT experience completely in TCS Ltd. This constitutes of more than 2 years as AWS cloud tester and 7 months of Performance Tester.

AWS CLOUD TESTER | AVIVA | 2 YEARS (CURRENTLY)

Aviva is a British multinational insurance company, which has many insurance policies and schemes.

- Performed various Cloud Capability tests such as Auto healing, Auto scaling, Blue-Green deployment and RDS failover test for the AVIVA insurance application servers hosted on AWS infrastructure.
- Worked on different high level AWS design documents of the applications and suggested the testing strategy for both non-functional testing and cloud capability testing's.
- Worked on git-extensions for repository migrations.
- Worked on Jenkins pipeline creation and running different jobs to build, deploy and destroy Load Generators (EC2 instances) on AWS infrastructure.
- Worked on automating the manual tasks in project using Python.
- Worked on Cloudability Dashboard for suggesting the resizing of application servers used on production environment.

PERFORMANCE TESTER-NON-FUNCTIONAL TESTING | AVIVA | 7 MONTHS

- Worked on Load Runner tool in scripting for an end-end application journey using HTTP/HTTPS protocol.
- Worked on GIT extensions in order to push/pull the scripts to repositories in stash.
- Worked on creating load on applications virtually by using Load Runner Cloud tool and tested many applications by creating different test scenarios like Peak Load, Stress test and Cohabitation test.
- Documenting the generated results, analyzing them and reporting it to client via JIRA and Confluence.

SELF-LEARNING

Upgrading myself by learning new technologies and implementing them practically for better understanding.

ANSIBLE

- Have written Ansible playbook for configuring Apache webserver and setting up a sample web page on different operating systems like RedHat, Ubuntu,Centos e.t.c., dynamically using ansible.
  Reference-Link- https://www.linkedin.com/posts/activity-6749373511657238528-uKiJ
- Have written Ansible playbook for implementing load balancer and reverse proxy concept using amazon ec2 instances.
  Reference-Link- https://www.linkedin.com/posts/activity-6747518987577516032-nnDp

PYTHON

- Created an AI assistant by using python libraries.
  Reference-Link- https://www.linkedin.com/posts/activity-6702179780831404032-SQWu
- Created a web UI using HTML & CSS for running basic Linux and Docker commands by launching apache webserver on Redhat-linux OS.
  Reference-Link- https://www.linkedin.com/posts/activity-6716688024823971841-zKx5

EDUCATION

B.TECH | G.PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
ELECTRONICS AND COMMUNICATION ENGINEERING

- Cumulative GPA of 7.94 (2014-2018)

ACTIVITIES

Apart from technical and working skills, I try to make most of memories with colleagues, friends and others.

- Hosted, managed and arranged in-project celebration themes.
- Planned and executed trips and tours with colleagues.
- Had created a technical forum with friends in college to educate the juniors with trending technologies and displayed various new practical sessions on electronics.

LANGUAGES KNOWN

- English
- Hindi
- Telugu