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Brief Description

- Having an overall of **11+** years of experience in development of scripts using scripting languages like **Python/Perl/Shell** and in **DevOps** working on **Ansible, Terraform.**
- Worked both in Private and Public Cloud environments.
- Hands on work experience in **Cloud Security**.
- Experience working in container management and orchestration environments.
- Experience working in **CI/CD**.

Educational Qualification

- **B.E (Computer Science)** with an aggregate of 69% from Vijayanagar Engineering College, Bellary Karnataka.

Professional Experience

- Working at **Rubrik India Private Limited** as a **Site Reliablity Engineer**, Bangalore from Apr 19 to Present

- Worked at **Sentiance NV** as **Site Reliablity Engineer**, Antwerp, Belgium from Sept' 18 to Mar '19.

- Worked at **Juniper Networks India Private Ltd,** as a Software Engineer 4 from Aug' 16 to Aug' 18.

- Worked at **Oracle India Private Ltd,** as a Senior Member of Technical Staff, Bangalore from Dec '15 to Aug '16

- Worked in **Cognizant Technology Technology Solutions Ltd**, as a Technology Specialist, Bangalore from Dec' 14 to Dec '15

- Worked in **NetApp** Bangalore through **HCL Technologies Ltd,** as a Technical Lead Bangalore from Feb' 12 to Dec 14

- Worked at **Robert Bosch Engineering and Business Solutions Ltd**, as a Senior Software Engineer Bangalore from Feb' 10 to Jan 12.

- Worked at **Stratify Software India Private Ltd (An Iron Mountain Company),** as A Data Production Engineer Bangalore from Nov '07 to Jan '10

Operating Systems	: Mac OS X, Ubuntu**,** RHEL, OEL (Oracle Enterprise Linux), Windows
Config management Tools	: Terraform**,** Ansible, Chef and Salt-stack
Databases	: Oracle, MySQL, PostgreSQL & Elasticsearch
Languages	: Python, Perl, Shell, SQL & PL/SQL.
Public Clouds	: Amazon web services (AWS), Oracle Public Cloud (OPC)
Private Clouds	: VMware, Openstack
Container Orchestration tools	: Kubernetes, Nomad, Rancher, Argo (CRD's for Kubernetes)
Storage Environment	: SAN/NAS (NetApp)
Virtualization Technologies	: KVM
Vesrsion Control Tools	: GIT, Perforce
Monitoring Tools	: Datadog**,** ICINGA, Zenoss,
Continuous Integration Tools	: Jenkins
Password Manager tools	: Lastpass (lpass cli), Vault

Projects undertaken at Rubrik India Private Limited

Project: Rubrik Cloud Platform
Team size: 7
Duration: September - 22/04/2018 - Present
Platform: Ansible, Terraform, Vault
Description:

Rubrik delivers instant application availability for recovery, search, cloud and development. Hybrid cloud enterprises benefit from Rubrik's marker-leading cloud data management platform with simplicity, instant data access, app-mobility, policy-driven automation, Ransomware protection and analytics at scale.

Roles & Responsibilities:

1. Participate in infrastructure design and perform building of infrastructure using Terraform/ansible.
2. Build Elastic Search Cluster across the sites and orchestrate using Kubernetes.
3. Work on different components within AWS/AWS Security to support internal teams.
4. Evaluate cloud based elastic deployment, vault secrets management tool to integrate within the infra (public/private)
5. Perform code reviews.

Projects undertaken at Sentiance NV Belgium

Project: Sentiance Platform
Team size: 7
Duration: September - 05/09/2018 - 15/03/2019
Platform: Ansible, Terraform, Vault
Description:

Sentiance is a data science company turning IoT sensor data into rich insights about people's behavior and real-time context. These insights enable companies to understand how customers go through their everyday lives, discover and anticipate the moments that matter most, and adapt their engagement to real-world behaviour and real-time context.

Roles & Responsibilities:

1. Work on the management of the Sentiance infrastructure hosted in AWS and automation using terraform and ansible.
2. Write ansible playbooks, develop modules.
3. Develop security solutions in cloud using Hashicorp's password vault and PostgreSQL (Amazon RDS)
4. Work on different components within AWS to support the customers.
5. Perform code reviews.

Projects undertaken at Juniper Networks India Private Limited

Project: Contrail Service Orchestration (SD-WAN Product)
Team size: 6
Duration: September - 22/08/2016 - 31/08/2018
Platform: Python, Salt Stack
Description:

The product involves in setting up the VNF's (Virtual Network Functions) at the branch sites, in either uCPE and (Universal Customer Premises Equipment) or vCPE (Virtual Customer Premises Equipment) model, the provisioning of VNF's are done through the contrail Open stack by creating the POPs (Point of Presence) at the branch offices (customer sites)

There were numerous micro-services in our solution that helps in setting up the desired VNF's by taking inputs from the customers

Roles & Responsibilities:

1. Setup/Install/Configure the Infrastructure components by writing the salt formulas.
2. Develop salt formulas to deploy the applications like monitoring, databases across the VM's.
3. Automate the activities that involves PoP Creation, PoP Importing, Onboarding the tenants, etc.
4. Develop test cases that involves failure injection and verify how the product is getting recovered.
5. Participate in code reviews.

Projects undertaken at Oracle India Private Limited

Project Name: Integration Cloud Services (ICS) Provisioning
Team Size: 5
Duration: September - 07/12/2015 - 16/08/2016
Platform: Chef, Python & Shell Scripting
Description:
          The product involves providing iPaaS (Integration platform as a service), It does integration of third party applications like facebook, LinkedIn etc into the Oracle's Public cloud by providing plugins, adapters to the customers so that they can integrate their applications seamlessly into OPC.

Roles & Responsibilities:

1. Develop & Maintain scripts for creation of POD's (Pool of Devices) in OPC using Chef.
2. Develop & Maintain existing scripts of POD Upgrades.
3. Develop scripts that generate various health check parameters of a POD.
4. Participate in production upgrades.

Projects undertaken at Cognizant Technology Solutions

Project Name: CIS Build Automation
Client: Cognizant Internal, Bangalore.
Duration: September - 04/04/2015 - 28/11/2015
Team size: 2
Platform: Python, Chef
Description:

               The project involves providing PaaS (Platform as a service) and involves in automating the IT Infrastructure such as spinning up of VM's in cloud (AWS, Azure), hardening of VM's as per the industry standard, deploying applications on the VM's using tool named chef. Chef ports with the plugins(Knife EC2, Knife Azure) that interacts with the cloud, bootstraps the VM, does the chef client run and makes the VM in the desired state.

Roles & Responsibilities:

1) Co-ordinate with CoE (Center of Excellence) team to gather requirements.
2) Writing recipes and cookbooks.
3) Writing resources within a recipe.
4) Do unit testing for the recipe/cookbook developed.

Project Name: Zenoss Integration with Snaplogic
Client: Cognizant Internal,
Bangalore. Team size: 2
Duration: September - 06/12/2014 to 03/03/2015
Platform: Python
Description:

               The project was with respect to integration of zenoss (monitoring tool) with integration layer(Snaplogic), zenoss will monitor the devices which got registered with it and sends alerts to the snaplogic
and then based on the alert criticality the tickets were created in service now.

Roles & Responsibilities:

1) Writing scripts in python that fetches the events from zenoss and invoke the ReST APIs of snaplogic.
2) Filter and send out the desired events to snaplogic.
3) Capturing the latest and discarding the older and repetitive events.
4) Perform unit testing of the scripts developed

Projects undertaken at HCL Technologies Limited

Project Name: Workflow Automation
Client: NetApp, Bangalore.
Team size: 5
Duration: September - 08/09/2013 - 28/11/2014
Platform: Perl, PowerShell
Description:

        Workflow automation is a GUI tool that helps the end users to automate the storage tasks with a minimal configuration; this tool has a data source configured and pulls the storage related data out of it and displays into the UI, later on the user can select the configuration, select the type of the workflow for automation and execute it.

The workflow has series of steps to be executed, where each step is a command (Perl/PowerShell Script) that interacts with the storage system and executes on it.

Role & Responsibilities:

1) Co-ordinate with the NetApp Team members and obtain therequirements.
2) Design the workflow; display the user inputs as per the requirements.
3) Write SQL Queries to obtain the desired data from data source
4) Create/Modify Perl and PowerShell Scripts.
5) Do unit testing on the developed workflow.

Project Name: Code Health Web App Test Automation
Client: NetApp, Inc.
Team size: 2
Platform: Python
Duration: September - 02/01/2013 - 01/09/2013
Tools used: Selenium Web Driver, HTML Test Runner & Python Unittest
Description:
            The project was with respect to design and development of test automation framework using python with python selenium webdriver bindings and use this framework to automate the test cases of the Code Health Web App Automation. The developed framework can be used in automating the test cases of any kind of web application.

Roles & Responsibilities:

1) Involved in the development of test automation framework
2) Involved in coupling of reporting mechanism, framework and unit test modules.
3) Enhanced the framework with features such as browser neutral automation, suite execution.

Project Name: Code Coverage Test Automation tools
Client: NetApp, Inc.
Team size: 2
Duration: September - 06/02/2012 - 06/08/2013
Platform: Perl and Python, GCOV, LCOV & NCOV
Description:
            The project was with respect to displaying the statistics of how much code has been covered in a source file (or percentage of code been touched), to have this metrics displayed, different open source tools like gcov, lcov were used.

Roles & Responsibilities:

1) Develop and maintain existing code coverage test automation scripts.
2) Customize the tool (NCOV=>gcov & lcov) based on the inputs from users.
3) Fix the issues raised by the users.
4) Co-ordinate with the U.S Team members and obtain requirements.

Projects undertaken at Robert Bosch:

Project Name: Testing Automation for Code Generator
Team size: 2
Platform: Python v2.5.2, MS DOS Batch scripting.
Duration: September - 07/09/2010 - 31/01/2012
Tools used: Code Generator

Description:

Helped the testing team in the automation of regression testing, involved in developing the testing framework, the test cases were executed automatically based on some configuration and the test results were being generated in a report, later on the tester can manually view the test case by using the information present in the report file

Roles and responsibilities:

1) Developed the comparison tool through which the test cases results were compared.
2) Written batch scripts using which the comparison tool and other python scripts were being called.
3) Generated a report that contains the test case result, whether it is passed or failed.
4) Co-ordinated with the testing team and obtained the requirements from them.

Project Name: ASAP Parser
Team size: 2
Platform: Perl v5.8
Duration: September - 07/02/2010 - 06/08/2010
Tools used: ULF Log viewer

Description:

The parser was used to parser the C-Sources, apply some norming rules and generate few hex files such as map, srec, elf file, during parsing It was logging the statements in a file and huge set of messages were being dumped and the size of the file was becoming huge and was difficult to view the desired information from log files.

Roles & Responsibilities:

1) Analyzed the existing software system and identified the critical parts of the system in which the statements has to be Logged.
2) Implemented the logging mechanism using Log::Log4perl and logged the statements in ULF (Unified logging mechanism) Format, same as XML Format.
3) Implemented the testing automation for the parser.

Projects under taken at Stratify Software India (Duration: 28/11/2007 to 02/02/2010)

1) Worked in > 50 litigation projects (Clients: **PwC, JPM** (JP Morgan) & **GPR** (Goodwin Procter)

2) Involved in developing of Perl scripts based on each client's requirements.

3) Involved in automating the manual process that used in day to day work and interacted with Win32 Applications using Perl.4) Having Experience in logging the applications using (Log::Log4Perl) module.

5) Worked in Perl module Win32::OLE and other file and directory manipulation modules.

6) Having Experience in Microsoft -Office Object model (2000-2003) and in Object linking and Embedding (OLE).

7) Having experience in writing Regular expressions and VBA Macros and the Macros were translated into Perl for scripting purpose.

8) Involved in writing SQL Queries and PL/SQL Procedures and functions depending upon the clients requirements.

9) Involved in writing Complex SQL Queries to retrieve required information from the database.

10) Involved in translating the query result into XML Format (Metadata), the same was used and then imported into the database, so that client's can view the desired metadata in our review site.

11) Having experience in imaging applications such as Hard Copy Pro Plus, a tool that formats MS Office files and generates tiff images from the native files, does bates stamping and the images were sent to the client for further litigation processing.

12) Undergone training on SLDS (Stratify Legal Discovery System v 8.0).

Personal Details:

Name: - Majid M A

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