

SUMMARY

2.75 years experienced Software Engineer highly skilled in automating infrastructure, testing, documentation etc. across the complete development life cycle of a product. Adept at end to end software design & development including requirement gathering, documentation, infrastructure setup and coding. Handles complex project management & coordination work very efficiently to deliver results.

TECHNICAL SKILLS

- Azure IaaS / Azure PaaS
- Azure Policies / Azure Security Center
- PowerShell Scripting / Azure CLI
- ARM Templates / Terraform
- Azure Virtual Machines, Storage Accounts, Key Vaults
- Azure Function Apps, Automation Accounts
- Azure Container Registries
- Azure DevOps / CI/CD
- Azure Active Directory

CERTIFICATIONS

- **AZ 900** : Azure Fundamentals
- **DP 900** : Azure Data Fundamentals

PROFESSIONAL EXPERIENCE

Senior Software Developer

Aug '18 - Present

Larsen & Toubro Infotech Ltd

Hyderabad TG

Gathered and defined customer requirements to develop clear specifications for creating well-organized project plans

SUMMARY:

- Discussed project progress with customers, collected feedback on different stages and directly addressed concerns.
- Orchestrated efficient large-scale software deployments, including testing features and correcting code.
- Coordinated with skills in Azure, DevOps and working together to improve overall team performance.
- Managed Azure technological issues for assigned projects, 2018-08 – Till date . . increasing customer satisfaction ratings 100%.
- Worked with project managers, developers, quality assurance and customers to resolve technical issues.
- Tested troubleshooting methods devised innovative solutions, documented resolutions for inclusion in knowledge base.
- Worked closely with global customers to bootstrap the environment.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs, and enhancements.

PROJECTS:

Shadow IT : Disable Azure storage account public access, enable Azure defender plans, enable Microsoft Monitoring Agent, remove inactive user's, etc using Azure functions Across multiple azure subscriptions as part of effective Security measures by the customers across all their client environments.

Deep Cred Scan (Credential Scanner): DeepCredScan tool is developed and maintained by Microsoft which runs CredScan on commit history of master and main branches of all Azure DevOps GIT repositories to identify the credential leaks in the source code and configuration files. These vulnerabilities in the code are scanned and logged in a database table and later can be used for threat assessment, so that secrets can be rotated.

Involved Services: Key vault, Azure Container Registry, Azure container Instances, SQL, Automation Account, Runbooks, Hybrid Worker Group and PowerShell Scripting.

Cred Scan (Credential Scanner): Credential Scanner (aka CredScan) is a tool developed and maintained by Microsoft to . . identify the credential leaks in the source code and configuration files. Some of the common types of credentials found are default passwords, SQL connection strings and certificates with private keys. Credential Scanner SKU runs on the master and main branches of all Azure DevOps GIT and TFVC repositories to scan credentials. These vulnerabilities in the code are scanned and logged in a SQL table and later used for threat assessment, so that secrets can be rotated.

Involvement Services: Key vault, Azure Container Registry, Azure container Instances, SQL, Automation Account, Runbooks, Hybrid Worker Group and PowerShell Scripting.

Teams Configuration Automation: Setting up the Microsoft teams' group and channel and automating the installation of Bots services from azure DevOps side notification and enabling the functionality of tabs so as have minimum intervention on Azure DevOps and get all notifications within one application.

Involvement Services: PowerShell Scripting with Graph APIs.

Dojo Cost Control: DevOps Dojo, a wide range platform to practice labs has multiple azure provisioned for the student where they practice dojo activities. Cost control would have users to save cost by turning off all resources during off hours thus reducing the cost incurred.

Involvement Services: Virtual Machine, SQL database, Azure Web Apps and PowerShell Scripting to Scale up/down the environment.

Azure DevOps Demo Generator: Cloning a complete DevOps project and migrating all repository, task groups, libraries, build and release pipelines from source to target organisation.

Involvement Services: Azure Demo Generator service, GIT cmdlets, Extensive Azure REST APIs, PowerShell Scripting, etc.

CredScan on Azure Functions : Using azure durable function to fan in and fan out multiple request and parallel jobs at a time for N number of user inputs. Developed API based trigger wherein user supplies JSON request body to get the results.

Involvement Services: Azure durable functions, Azure Service Bus, GIT APIs, PowerShell Scripting, Azure table storage

EDUCATION

Aug '14 - Jun '18

B. Tech. Computer Science

PSIT Kanpur

KEY SKILLS

Software Development

PowerShell

Azure IaaS

Azure PaaS

Azure Administrator

Documentation

Azure Virtual Machines

REST APIs

Azure Automation Accounts

Azure Function Apps

GIT/TFVC

ARM templates

DevOps

Azure Policies

Azure Container Instances

Azure Storage Account

Graph APIs

ARM Templates

Terraform