**Arun P**                                          **e-mail:**[arunp.info@gmail.com](mailto:arunp.info@gmail.com)**| mobile:**+91-9629004174

                

**Professional Summary**

* Having 12+ years of technical experience in DevOps, Automation and Azure Cloud services
* Experience in providing solutions on migrating applications from On-Prem to Azure Cloud services.
* Good experience in developing custom Docker images for micro service applications.
* Experience in container-based deployments using Docker, Kubernetes, and OpenShift Container platform.
* Experience in creating Terraform, ARM modules to provision Azure cloud resources.
* Hands on experience in creating CI/CD pipelines for Java,. NET Framework, .NET Core, Angular and React applications.
* Proficiency in creating automation scripts using PowerShell, Groovy
* Experience in creating CI/CD pipelines using Azure DevOps
* Part of DevOps CoE team to provide solutioning on digital transformation, tools assessment and migration to public cloud for Banking, Insurance and Healthcare clients.
* Good understanding in Scaled Agile Framework (SAFe), Scrum, Agile Pods methodologies.
* Experience in customer interaction to understand the requirements and provide the best practices using various DevOps tools.

**Technical Skills**

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| --- | --- |
| CI/CD Tools | Azure DevOps, TFS, Harness, Jenkins |
| Containerization | Docker, Kubernetes, Azure Kubernetes Service (AKS), OpenShift (OCP) |
| Cloud Automation | Terraform, ARM, Bicep |
| Scripting | PowerShell, Groovy, YAML |
| Cloud Services | Azure – App Service, Web Apps, Functions, Azure SQL, MI, Storage, Key Vault, APIM, Application Gateway, WAF, Azure Data Factory, Azure AD, Azure Cosmos DB |
| Databases | Microsoft SQL Server, Oracle Server, T-SQL, NoSQL, MongoDB |
| Monitoring Tools | Dynatrace, Elastic Search, Kibana, App Insights |

**Certifications - Microsoft Certified: Azure Solutions Architect Expert**

* AZ-305: Designing Microsoft Azure Infrastructure Solutions
* AZ-400: Designing and Implementing Microsoft DevOps Solutions
* AZ-103: Microsoft certified Azure Administrator

**Project Experience**

**Cognizant Technology Solutions – Chennai                                *November 2016 to till date***

**Client**: Banking and Financial Services, USA & UK

**Roles and Responsibilities**:

* Plan and deliver legacy infrastructure transformation and migration to Azure Public cloud.
* Creating Azure Resources App Service, Key Vault, Storage, Database, Private Links, Networking using Terraform modules maintains the resources in Infrastructure as Code
* Having experience in setting up Terraform API driven workflow.
* Experience in scripting to use REST API and Terraform API to customize infrastructure deployment.
* Integrating Terraform modules with self-service cloud provisioning portal.
* Implement Zero Trust model to secure internal and external facing applications.
* Implement Azure Policy and RBAC roles, App registration to control access on Azure resources
* Responsible for creating custom Docker images for micro service deployments.
* Creating Kubernetes manifest to create pods, deployment, statefulsets, service, config map, secrets, and route in OpenShift container platform.
* Managing OpenShift Persistent Volume Claims, Network rules and memory resource quotas for project/namespace
* Having knowledge in Helm charts to package Kubernetes resources.
* Implementing GitOps model for end to end deployments.
* Involved in automating configuration changes through Azure PowerShell Cmdlets.
* Architecting end to end CI/CD solution for .NET based projects and deploy the applications in On-Prem and Azure Public Cloud
* Implement DevSecOps model and maintains the code quality using SAST and DAST tools to mitigate security risk and vulnerabilities.
* Deploying Docker images in Azure Kubernetes Services (AKS) with Linux and Windows worker nodes.
* Install and configure Azure DevOps Self-hosted agents for legacy and COTS product deployments.
* Creating YAML based multi staging pipeline for Web App deployment in Azure DevOps
* Deploying Azure SQL Database schema changes using DACPAC/SSDT
* Experience in managing Harness delegates and setting up pipelines.
* Having experience in Bicep to automate Azure resource provision and migrate from ARM
* Integrated Dynatrace OneAgent to monitor Azure resources.
* Integrated Elastic Search and Kibana with OpenShift cluster to view container logs.
* Working closely with Development, Platform, FinOps and InfoSec teams to define PI, Sprint Planning using Azure Boards and Jira.

**Hexaware Technologies - Chennai                                              June 2015 *to September 2016***

**Client**: Leading Insurance Company in UK

**Roles and Responsibilities**:

* Worked in client location UK – London for 2 months to setting up build infrastructure and go-live activities.
* Automating an Application Pool, Virtual directory, Windows Service installation for .NET and IIS deployments using PowerShell
* Experience in managing GIT repository hosting service tools GitHub, Azure Repos
* Experience in creating pipelines using Jenkins
* Expertise in setting up the Azure DevOps Server as an ALM tool
* Migrated TFS version control to Azure Repos with complete history using GIT-TFS tool.
* Migrated TFS 2013/2015 work items to Azure Boards with historic data using VSTS Sync Migrator tool.
* Setting up NuGet, npm, Docker remote repositories in JFroq Artifactory and managing build artifacts.
* Integrated SonarQube for static code analysis and define quality profiles and quality gates.
* Integrated Selenium, Tricentis Tosca automation scripts in pipeline for Functional and API testing.

**iSOFT, a CSC company, Chennai – *June 2012 to May 2015***

**L-Cube Innovative solutions, Chennai – *June 2010 to June 2012***

**Roles and Responsibilities**:

* Created PowerShell scripts to install Windows roles and features using WinRM and PowerShell remoting
* Worked on single click build & deployment and automate the repetitive tasks.
* Worked in setting up a well-defined systematic approach to implement CI/CD pipelines for Dev, QA, Prod, DR environments with rollback.
* Good experience in managing IIS configuration.
* Migrated MSBuild, NAnt scripts to PowerShell for cloud compatibility.
* Automating database deployments for Microsoft SQL and Oracle server using SQLCMD and SQLPlus.
* Upgrading the TFS Version control system and build tools as per the organizational standard
* Created .net based utility to check and install pre defined components for application and web server deployment.

**Academic Credentials**

* Completed B. TECH – Information Technology with 80%