Ramprasath Saminathan

Azure DevOps and Azure Solutions Architect
https://www.ramprasath.com/

OBJECTIVE

To Continually grow my skills and becoming elite in Azure DevOps and Azure Solutions.

At least learn a small new thing daily.

SKILLS

EXPERIENCE   11 YEARS

THE FAMILY OFFICE • BAHRAIN • NOV 2022 – NOW (1.5 YR)
Azure DevOps Specialist and Azure Solutions Architect

MICROSOFT • INDIA • JUN 2017 – NOV 2022 (5.10 YRS)
Azure DevOps Server and Azure DevOps services Consultant
Full time employee at Microsoft.

WIPRO • INDIA • MAR 2013 – DEC 2016 (3.9 YEARS)
Started career as .Net Developer and shifted towards DevOps

CERTIFICATIONS

Microsoft Certified: Azure Solutions Architect Expert (AZ 305)
Microsoft Certified: DevOps Engineer Expert (AZ 400)
Microsoft Certified: Azure Administrator Associate (AZ 104)
Microsoft Certified: Azure Fundamentals (AZ 900)

EDUCATION

BE • APR 2012 • MEC – ANNA UNIV, TAMILNADU
Electronics & Comm Engg-77%. With Best project in Final year.

HSC • APR 2008 • SENTHIL MATRIC SCHOOL
Biology – 83%

HOBBIES

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AZURE DEVOPS SPECIALIST AND AZURE SOLUTIONS ARCHITECT

Company Name – The Family Office, Bahrain   **1.6 Year**

Daily activities include creating YAML-based CI/CD pipelines, Azure CLI, and PowerShell scripting to manage automation, infrastructure management, and continuous improvement in Azure and Azure DevOps.

- Writing and maintaining complex YAML-based pipeline definitions for CI/CD workflows in Azure DevOps.
- Using Azure CLI commands within pipelines to automate Azure resource provisioning, deployment, and management.
- Developing PowerShell scripts to perform tasks that interact with Azure resources, handle configurations, or manage deployments.

❖ **Infrastructure Management**:
- Designed, implemented, and maintained the Azure infrastructure to ensure high availability, scalability, and security for critical fintech applications and services.
- Managed Azure App services, APIM, Container Instances, and other Azure services to meet performance and compliance requirements.

❖ **Azure DevOps**:
- Orchestrated CI/CD pipelines to automate application deployment, testing, and monitoring of the .Net, Node JS and Python Applications.
- Implemented Infrastructure as Code (IaC) with tools like Azure Resource Manager templates and Terraform to ensure consistent and reproducible infrastructure deployment.

❖ **Security and Compliance**:
- Ensured the implementation of security best practices, including identity and access management, network security groups, and Azure Security Center, to protect sensitive financial data.

❖ **Monitoring, Optimization Documentation**:
- Set up Azure Monitor and Azure Application Insights for real-time application and infrastructure monitoring.
- Maintained comprehensive documentation of infrastructure architecture, configurations, and procedures in Azure Wiki and Confluence.

Achievements:
- ➢ Improved application deployment times by 40% through the implementation of automated CI/CD pipelines and IAC through Terraform.
- ➢ Reduced infrastructure downtime by 25% through proactive monitoring and response to critical alerts.

AZURE DEVOPS ENGINEER

Company Name – Microsoft India   **5.10 Years**

Role: As a Technical consultant, providing end-to-end enterprise-level Premier Support for TFS On-Premises and Visual Studio Online, which later evolved into Azure DevOps Server and Azure DevOps services.

Areas of Expertise

❖ Source Control

❖ Build

❖ Release Management

❖ Test (CodedUI)

Individual Responsibilities:

❖ Setting up TFS, Azure DevOps in Standard, Advanced and load Balanced Environments.

❖ Supporting & troubleshooting moves, upgrades and patches of TFS

❖ Supporting, troubleshooting and setting up XAML & VNext Builds for client Applications.

❖ Customizing work items and process templates for projects.

❖ Creating advisory plans for end to end TFS Setup, Upgrades & Moves as per clients Environments.

❖ Supporting Azure integration with ADO and Azure Web App deployments using Release management.

❖ Setting up & Troubleshooting Release management issues.

DEVOPS ENGINEER & ASP.NET DEVELOPER

Wipro   **3.9 Year**

As DevOps Engineer developed and implemented many projects from scratch in Agile life cycle model. Project Exposure to the various phases of the software development from Development to Deployment.

- ❖ ALM - JIRA,TFS,RTC

- ❖ Development - Visual Studio,Node js,Shell

- ❖ Database - SQL,MySql

- ❖ Source Control - SVN,Git,GITLAB,TFSVC,Jazz,Github

- ❖ Code Review- Gerrit,TFS

- ❖ Build - MSBuild,Maven,Ant

- ❖ CI Server - Jenkins, TFS, Atlassian, RTC, Teamcity

- ❖ Test – Junit, Selenium, Coded UI, Nunit

- ❖ Configuration management - Chef,Puppet,Ansible

- ❖ Web Servers - IIS,TomCat,Weblogic

- ❖ Monitoring – Zabbix

- ❖ Release management – XL Release

- ❖ Cloud – AWS,Azure

.Net Developer
- ❖ HTML 5

- ❖ Javascript

- ❖ SQL Server

- ❖ ASP.NET-C#

PROJECTS

Client Name: LBG

Project: Adapter   **3 Months**
- ❖ Implemented END to END DevOps pipeline creation using Open Source Tools along with XEBIA tools.

Roles and responsibilities:
- ❖ Requirement gathering for the functionalities and research of various tools
- ❖ Installation and integration on the tools (Jenkins, GitLab, SonarQube, Gerrit, XLR, XLD, Selenium,Docker)
- ❖ Design and implementation of the functionalities and module.

Client Name: BP

Project: Downstream   **4 Months**
- ❖ Implemented END to END DevOps pipeline creation using IBM Tools.

Roles and responsibilities:
- ❖ Requirement gathering for the functionalities and research of various tools
- ❖ Installation and integration on the tools (Eclipse, Jazz, IBM RTC, UCR , UCD, Selenium)
- ❖ Responsible for providing the support for post implementation phase.
- ❖ Ensuring the timely and quality deliverables.

PROJECTS

Client Name: Wipro

Project: Creating Enterprise DevOps   **8 Months**
   ❖ Created a DevOps Learning platform for Enterprise.

Roles and responsibilities:
   ❖ Created DevOps lab for customer demo.

   ❖ Setting up the 4 DevOps pipelines. TFS, Jenkins, Bamboo, Open Source.

   ❖ Created web based application for accessing the portal

   ❖ Setting up containerization tool Docker, Kubernetes

Client Name: Wipro

Project: Lean portal   **8 Months**
   ❖ Created the lean portal for the organization.

Roles and responsibilities:
   ❖ Created .Net web application for Lean flow of organization

   ❖ Created the Jenkins pipeline.

Client Name: Wipro

Project: NextGen Gamification   **6 Months**
   ❖ Created the CI-Gamification platform for the TT team. Application

   developed in HTML and javascript

Roles and responsibilities:
   ❖ Developed the application.

   ❖ Setting up the CI-CD pipeline in TFS.

PROJECTS

Client Name: Wipro

Project: Agile Assessment   **7 Months**
 ❖ Created the agile assessment portal for the Agile team. Application

   developed in C#.

Roles and responsibilities:
 ❖ Created the Assessment plan.

 ❖ Worked on end to end application creation.

Client Name: Wipro

Project: Training and Others   **5 Months**
 ❖ Created html based games.

Roles and responsibilities:
 ❖ Created HTML and Javascript based games.

 ❖ Undergone C# training.