

Ashish Bhatt (AZ-104 & AZ-400 Certified)

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PROFESSIONAL EXPERTISE

With over 8 years of experience, I've mastered a spectrum of technologies, from OS (**Windows and Linux**) to **Azure IaaS/PaaS** and **Azure DevOps**. My expertise spans advanced Windows **troubleshooting**, Azure infrastructure management and Automation via **Bicep**, **Terraform**, **YAML**, and **Git**. I thrive in leveraging various open-source DevOps tools, including **Azure DevOps** and GitHub Actions, to **drive seamless development and deployment processes**.

TECHNICAL SKILLS:

- ❖ **CICD Tools:** Azure DevOps services/server, Working Knowledge on TeamCity, GitHub Action and Jenkins.
- ❖ **IaC tool/ Automation:** Terraform, Bicep and PowerShell Scripting.
- ❖ **Containerization & Orchestration:** Docker and Basic knowledge on Kubernetes.
- ❖ **Version Control:** Git, Azure Repos, Bit bucket.
- ❖ **Monitoring:** Datadog, Azure Monitor, Opsgenie.
- ❖ **Code Analysis:** SonarQube.
- ❖ **Sysinternal tools:** perfmon, procmon, procdump, Netmon, Autoruns.
- ❖ **Other Tools:** Jira, CRM, Confluence.

PROFESSIONAL EXPERIENCE:

Currently working with Iris Software Group as Senior DevOps Engineer since Dec 2023

Roles and Responsibilities:

- **Designed and managed** CI/CD pipelines for a .NET-based mobile application (Android and iOS) with SonarQube integration across multiple environments, enhancing code quality and release automation.
- **Led a team of three engineers** in developing Infrastructure as Code (IaC) to drive a smooth migration from on-premises to cloud infrastructure, (involving more than 100 Virtual Machines) enhancing deployment efficiency and scalability.
- **Oversaw and managed SOC operations** for a critical Information Management product, ensuring robust security monitoring and response capabilities.
- **Managed end-to-end product lifecycle**, from IaC development and deployment to certificate renewal and endpoint management, ensuring operational continuity and security across all stages.
- **Product Deployment:** Entrusted with leading production deployments for our flagship products, namely *Staffology HR* and *Staffology Payroll*. Oversee the **seamless orchestration of CI/CD & manual deployments** across lower/higher env, ensuring the smooth transition from development to production.

Worked with Microsoft as Azure DevOps Engineer from May 2021 till Dec 2023

Roles and Responsibilities:

- **Cloud Mastery:** Excel in navigating cloud platforms like Microsoft Azure, adeptly handling virtual machines, containers, App services, Application Gateways and an array of managed services.
- **Azure DevOps Expertise:** Commanded **every aspect of Azure DevOps**, from Work Items and Boards to Repos and Pipelines, ensuring seamless project management and collaboration across verticals.
- **CI/CD Prowess:** Led the charge in establishing and overseeing **end-to-end CI/CD pipelines** using premier tools such as Azure DevOps, orchestrating swift and dependable software delivery
- **Containerization and Orchestration:** Strong knowledge of containerization technologies like Docker. Also worked on container orchestration platforms like Kubernetes.

- **Troubleshoot** issues related to the pipeline failures, APIs, queries, and ADO organizations.
- Deployment of **App service, Web services and Service fabric using Azure DevOps Pipeline.**
- Actively collaborate with the **product group team, escalation engineers**, and cross-functional teams, orchestrating cohesive action plans to swiftly resolve cases and mitigate challenges in a timely manner

Worked with Automatic Data Processing as Cloud Engineer from Jan 2019 to May 2021.

Roles and Responsibilities:

- **Seamless Azure DevOps Fusion:** Seamlessly integrate Azure services with Azure DevOps pipelines, catalyzing **(CI/CD) workflows**. Spearhead the implementation of **release management processes**, encompassing automated deployments, environment configurations, and meticulous release approvals.
- **Azure Networking:** Strong knowledge of Azure networking services, including virtual networks (VNETs), Azure Load Balancer, **Azure Application Gateway, and Azure VPN Gateway**. Designed and implemented secure network architectures, including network segmentation, traffic routing, and network security groups (NSGs)
- **Azure Resource Management:** Demonstrated expertise in Azure Resource Manager (ARM) and Azure Portal, effectively managing resource groups, resource policies, **RBAC (Role-Based Access Control)**, and tags. Implemented governance and compliance frameworks to ensure security and cost optimization.
- **Vigilant Azure Monitoring:** Implement vigilant monitoring and alerting solutions, harnessing the power of **Azure Monitor, Azure Log Analytics, and Azure Application Insights**. Pioneered the development of bespoke metrics, alerts, and dashboards, enabling surveillance of application performance, availability, and resource utilization.
- **Infrastructure Deployment:** automating infrastructure deployment processes on Microsoft Azure using industry-standard tools such as Azure Resource Manager (ARM) templates, Azure CLI, PowerShell, and Infrastructure as Code (IaC) principles.

Worked in Convergys as Windows Support Engineer from Jan 2017 till Nov 2018.

Roles and Responsibilities:

- Advanced troubleshooting for windows such as no boot, no post, issues related to Windows Shell.
- I worked extensively on sysinternal tools for deeper analysis of issues.
- Capturing dumps, TSS logs, TTD logs and analyze them to provide RCA and action plan to customers.
- Extensive experience in diagnosing and resolving complex Windows system issues through the proficient use of tools such as Process Explorer, Process Monitor, Autoruns, and Sysinternals Suite, enabling efficient troubleshooting of performance bottlenecks, application crashes, and system instability across diverse Windows environments.

EDUCATION QUALIFICATION

- B. Tech. Computer Science from Pune University.

CERTIFICATIONS:

