PRANIT DESHMUKH

⋄ Pune, India

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OBJECTIVE

Result driven Azure Cloud and DevOps Engineer with 3+ years of experience in deploying, securing, and optimizing Microsoft Azure infrastructure. Skilled in CI/CD pipelines, Kubernetes (AKS), Azure AD, and cost-effective cloud solutions. Proven ability to enhance reliability, reduce downtime, and improve overall system performance.

EXPERIENCE

Azure Cloud and Devops Engineer   May 2022 - Present
LTIMindtree   *Pune*

- Configuring and deploying of Azure virtual machines, storage accounts, kubernetes(AKS) and many other azure resources.
- Developing and managing CI/CD pipelines for streamlined deployments.
- Administrating Azure Active Directory (Entra ID), Role-Based Access Control (RBAC), User Management, and Implementing MFA.
- Troubleshooting and solving issues related to Virtual Machines, NSGs, Microsoft Defender Cloud vulnerabilities, IP addresses, and security threats to ensure system integrity.
- Updating SSL certificates over Key Volts and updating it on Application Gateways, AKS cluster upgrade for all environments along with production.
- Managed backups and recovery by taking snapshots of production VMs.
- Also worked on the front-end development as a angular developer.
- Using typescript, a page was introduced for view history of orders.
- In addition to that, I developed a grid, comments, and remarks section for the support flow.
- Supported the SEO enhancement process by integrating optimizations via Free Marker Template (FTL).

PROJECTS

Disaster Recovery test for prod - Planing and execution of DR by creating all the resources in another region. We run the DR test for production.

Cost Optimization - Analyzing and deleting unused resources like disk, snapshots, Ip's and implemented Azure reservations for VMs, reducing costs by up to 40 to 50% for prod and non-prod subscriptions

Monitoring - Analyzing and monitoring health, performance, logs and failed api through Application Insights as well as Azure Monitor. Creating alert rules for critical error logs has improved monitoring by 30 to 40%.

Site Recovery -Set up automated disk snapshots for production storage and VMs, ensuring data retrieval in failover scenarios, and applied resource locks to safeguard critical production resources.

Security Enhancement -Different bot protection rules are added, rate limiting, blocking malicious IPs on application gateway, SSL updates, setting NSGs for VMs, also implemented RBAC to improve safety.

E2E Network Cloud - Set up and successfully migrated the test environments on e2e cloud which includes Kubernetes, docker, node pools, microservices, deployments pipelines as well as infrastructure

Pipeline Optimization - Streamlined and restructured build pipelines, resulting in 50 to 55% decrease in build time.

Production Release Downtime - Developed test environments with production data to validate DB scripts and ensure seamless production testing, reducing emergency releases and critical defects post-release. It increase the performance upto 30%

RBAC Audit - For Azure AD and DevOps projects conducted a Role Base Access Control activity to restrict the vulnerability and insure safety for critical resources, also enhance it by enabling MFA for every user through Azure Entra ID

SKILLS

Technical Skills	Microsoft Azure Cloud, Azure VM, Azure AD (Microsoft Entra ID), Azure Devops Portal, CI/CD,Azure Storage, Cloud Infrastructure, Pipeline Management and Deployments, Kubernetes, Agile, Application Gateway, RBAC, IAM, MFA, Azure Functions, Azure PaaS, Azure SaaS, Notification Hub, E2E Network Cloud, YAML, Docker Containerization, AWS, Angular, HTML, CSS, etc.
Soft Skills	Adaptability, Communication, Professionalism, Problem solving, Self Learning, Teamwork, Flexibility, Leadership, Proactive learner, Creatical Thinking.

EDUCATION

B.Tech, Savitribai Phule Pune University(SPPU)   2017-2021
HSC State Board, Amaravati Board   2017

CERTIFICATIONS

- AZ-900 - Microsoft Azure Fundamentals Certified.

ACHIEVEMENTS

- Honored with the "Best Cloud Engineering Excellence" for introducing robust cloud security protocols that reduced vulnerability incidents by 45%, ensuring compliance with industry standards and safeguarding client data.

- "Best Team Player Award" for excellent collaboration with different teams like Tech team, Testing team, Operations team as well as the client.