

ATHUL PRASAD

DevOps Engineer

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PROFESSIONAL SUMMARY

DevOps Engineer with around 4 years of experience building secure, scalable, and automated cloud solutions across Azure. Proven expertise in Kubernetes (AKS, on-prem) and CI/CD pipelines. Skilled in driving cost optimization, deployment automation, and high availability, resulting in faster release cycles and improved system reliability. Certified Microsoft DevOps Engineer Expert (AZ-400) and Azure Administrator Associate (AZ-104) with a strong background in cloud security, monitoring, and automation.

CERTIFICATIONS

Microsoft Certified: DevOps Engineer Expert (AZ-400)

Microsoft Certified: Azure Administrator Associate (AZ-104)

PROFESSIONAL EXPERIENCE

Technical Analyst - DevOps

06/2022 – Present

PIT Solutions

- Designed and maintained CI/CD pipelines for SaaS applications using Azure DevOps, ensuring smooth and efficient deployments.
- Orchestrated the deployment, scaling, and management of Docker containers using Kubernetes across on-premises and AKS environments.
- Provisioned and configured cloud infrastructure on Azure, building environments from scratch to support diverse business needs.
- Deployed and managed applications across multiple tech stacks: Node.js, React, PHP, Laravel, WordPress, Python and .NET.
- Administered Azure DevOps services, Azure VMs, SQL databases, Azure AD, and storage accounts, ensuring secure and reliable operations.
- Designed and implemented monitoring solutions with Prometheus, Grafana, and Zabbix, enabling proactive incident detection and faster resolution.
- Managed and optimized Windows and Linux servers, including database migrations and administration of MySQL, PostgreSQL, and MSSQL.
- Configured and maintained web servers (IIS, Apache, Nginx) for high availability and performance.
- Conducted security assessments and audits to identify vulnerabilities and enforce compliance with best practices.
- Managed Hyper-V virtualized servers for Windows and Linux workloads, ensuring scalability and business continuity.

EDUCATION

Bachelor of Technology, Computer Science and Engineering

NEFTU

SKILLS

Cloud Platforms: Azure (AKS, App Services, Azure VM, Azure SQL, Azure Database for PostgreSQL, Blob, VNets, NSGs, Key Vault, Application Gateway)

CI/CD Tools: Azure DevOps, YAML Pipelines

Containers & Orchestration: Kubernetes (AKS & On-Prem), Docker

Security & Governance: Azure AD, RBAC, Managed Identity, Azure Policy, DevSecOps, Key Vault

Monitoring & Observability: Prometheus, Grafana, Azure Monitor, Application Insights, Zabbix