

Muhammad Ali N

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Experienced DevOps Engineer and Site Reliability Engineer with 4+ years of expertise in GCP and Azure Administration, Azure DevOps, GitHub Actions, Jenkins, IT Infrastructure, Application Maintenance & Support, Cost optimization, Monitoring and Incident Management. Specialized in cloud environments, particularly Azure, Google Cloud and Kubernetes, with a focus on building robust CI/CD pipelines, maintaining high system uptime, and aligning with agile best practices. Adept in incident management, cloud support engineering, and operational efficiency, seeking to leverage my skills as a DevOps/Cloud Engineer.

WORK EXPERIENCE

UST Global, Trivandrum, Full Time • 03/2025 - Present

Developer II, DevOps Engineering

- Worked as part of team building automated systems for building, testing, and deploying software. These systems were built using GitHub Actions, which helped us make our development process smoother and more efficient.
- Leveraged a centralized repository for Helm charts and configuration files, streamlining version control and ensuring consistent deployments across environments for Kubernetes applications.
- Managed regular production deployments and optimized operational efficiency, ensuring consistent system performance and reliability.
- Troubleshooting and providing technical support for services deployed within Google Kubernetes Engine(GKE) and Azure Kubernetes Service (AKS) environments.

Valoriz Digital PVT Ltd, Trivandrum, Full Time • 09/2021 - 03/2025

Senior DevOps Engineer

- Led the development and implementation of numerous advanced CI/CD pipelines in Azure DevOps, enhancing system reliability and deployment efficiency by 30%.
- Successfully maintained 99.9% uptime for a suite of over 200 microservices by refining and automating monitoring and alerting processes.
- Oversaw cloud infrastructure, including the management of VMs, network configurations, and storage solutions, ensuring system scalability and stability.
- Implemented new technologies and process improvements in Azure cloud platform, achieving a 25% improvement in security posture and operational efficiency.
- Led Troubleshooting and supporting pipeline and microservice issues in AKS, reducing downtime by 40%. • Established effective collaboration processes across departments, facilitating contributions that led to a 15% improvement in project delivery timelines.
- Analyzed and monitored monthly metrics and KPIs, resulting in a consistent application of operational standards and a 10% improvement in service level adherence.

EDUCATION

B.Tech in Computer Science & Engineering

UKF College of Engg and Technology • APJ Abdul Kalam Technological University(KTU) •
06/2021

CERTIFICATIONS

Certified: Azure Solutions Architect Expert

Microsoft - 2024

Certified: Azure Administrator Associate

Microsoft - 2024

SKILLS

- **Cloud Technology Proficiency:** Expertise in Azure, GCP and Kubernetes, crucial for HA solutions and cloud-based infrastructure management.
- **CI/CD and Automation:** Experienced in creating and managing CI/CD pipelines using Azure DevOps, GitHub Actions, Jenkins etc, enhancing productivity and deployment efficiency.
- **Incident Management & Troubleshooting:** Proficient in complex problem solving, focusing on rapid incident resolution and system reliability.
- **Communication & Collaboration:** Excellent communicator, skilled in using tools like Teams, Slack for team collaboration and queue management.
- **Analytical Skills & Pattern Recognition:** Strong analytical abilities, adept at identifying operational patterns and insights. ● Process Improvement: Focused on continual improvement processes, enhancing customer service quality and operational efficiency.
- **Database Management:** Extensive experience in managing databases, including SQL and MongoDB, ensuring optimal performance, scalability, and security. Skilled in setting up, monitoring, and troubleshooting database systems, as well as designing efficient schemas and query optimization
- **Observability and Monitoring:** Skilled in configuring and managing observability tools, including Elasticsearch, Grafana, and Splunk, for log management, performance monitoring, and actionable insights into system health and operations ● Scripting and Automation: Proficient in scripting with Python and Bash, automating routine tasks, streamlining workflows, and enhancing system reliability and efficiency.