

Tanmay Fuse

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Summary

Experienced **DevOps Engineer** with **4 years** of expertise in designing robust infrastructure, optimizing CI/CD pipelines, and implementing automation for efficient software development. Demonstrated success in improving system reliability and collaborating effectively with cross-functional teams to achieve organizational goals.

Skills

Infrastructure as Code (**Terraform, Azure ARM**), Configuration Management (**Ansible**), CI/CD Tools (**Azure pipelines, Jenkins, Github Actions**), Containerization and Orchestration (**Docker, Kubernetes**), Scripting (**Powershell**), Cloud Platforms (**Azure, AWS**), Version Control (**Git**), Monitoring and Logging (**Grafana, Dynatrace**).

Professional Experience

Varian Medical Systems (siemens healthineers)

Pune, Maharashtra

DevOps Engineer

Aug 2022 - Present

- Managed Kubernetes infrastructure and optimized Grafana implementation, resulting in a **cost savings of \$9k per month** based on resource usage.
- Worked on **Azure Kubernetes Service (AKS)** cluster upgrade, ensuring smooth and seamless transitions to newer versions while minimizing downtime and maximizing system performance.
- Provided **support and expertise** for tools like **Grafana, Dynatrace, PagerDuty, KEDA and Traefik** optimizing their configuration and utilization to enhance scalability and reliability of applications.
- Implemented **Azure App Service** in conjunction with **Azure Application Gateway** to enable teams to deploy and manage their applications seamlessly.
- Implemented Grafana dashboards integrated with KQL queries to effectively monitor and analyze resource usage within AKS clusters.
- Designed and deployed a .NET console application dedicated to monitoring tenant availability.
- Developed and maintained **infrastructure automation using terraform**, reducing manual tasks by 70% and improving consistency across environments.
- Implemented Dynatrace cluster and Azure infrastructure management solution.

Siemens Healthineers

Bangalore, karnataka

DevOps Engineer

Mar 2020 - Aug 2022

- Utilized **ARM templates** for streamlined creation and management of Azure resources in diverse environments.
- Implemented **self-hosted agent pools** within Azure and effectively utilized them to build and deploy applications using Azure Pipelines.
- Implemented **queries and alerts** within **Azure Log Analytics Workspace** to proactively monitor and ensure the smooth operation of Azure workloads.
- Collaborated closely with development teams to design and implement highly efficient **CI/CD pipelines**, leading to accelerated software delivery and enhanced overall software quality.
- Effectively **troubleshooted and resolved issues** within Kubernetes clusters, ensuring uninterrupted operation of critical applications

Education

Bachelor of Engineering in Computer Science and Engineering Prof.Ram Meghe Institute of Technology Research, Amravati, Maharashtra	2014 - 2018
Post Graduate Diploma in Advanced Computing (PG-DAC) Institute of Emerging Technologies (IET), Pune, Maharashtra	2019 - 2020

Certifications

- [Microsoft Certified: Azure Fundamentals](#)
- [Professional Scrum Master™ I \(PSM I\)](#)

Personal Details

Date of Birth:	12th Feb 1997
Gender:	Male
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