

Tanmay Sharma

✉ tstanmaysharma21@gmail.com | 📞 7666352545
🌐 [linkedin.com/in/tanmay-sharma-310ba0227/](https://www.linkedin.com/in/tanmay-sharma-310ba0227/)

Skills

Technologies & Tools: Azure, GCP, Kubernetes, CI/CD pipelines, Terraform, Helm, ADO, Git, Docker, Spring-boot

Languages: C/C++, Java, Python, SQL

Profile

Azure Certified DevOps Engineer with 2 years of experience in cloud computing, infrastructure automation, and CI/CD pipeline management. Skilled in Azure, GCP, Kubernetes, Terraform, and DevOps best practices, with expertise in designing, deploying, and securing cloud infrastructure, optimizing containerized workloads, and automating deployments to ensure reliability, scalability, and performance.

Work Experience

MSCI, Pune

Jun 2023 - Present

Devops Engineer

- Created and managed infrastructure on Azure using Terraform, ensuring efficient deployment and scalability.
- Migrated applications from one AKS cluster to another in a production environment with minimal downtime.
- Upgraded NGINX Ingress Controller and Emissary-Ingress controller using Helm to address security vulnerabilities.
- Installing Traefik Controller using helm.
- Migrated applications from HTTP to HTTPS, enhancing security and compliance on kubernetes.
- streamlined Databricks cluster library installation by databricks CLI and azure pipelines to bypass usage of individual PAT tokens from ADO.
- Updated Terraform VM module from central team while carefully updating terraform state files.
- Integrated Wiz connector across multiple AKS clusters for improved security and monitoring.
- Corrected a production web app certificate issue without causing downtime.
- Fixed multiple CI/CD pipelines as part of BAU activities, ensuring seamless software delivery.
- Integrated Mend security tool, sonarqube,wiz cli for multiple repositories to enforce secure coding practices.
- Addressed security vulnerabilities in Spring Framework and OMS agent on VMs.
- Wrote a script using bash and azure CLI to tag multiple resources enabling cost segregation by teams.

Education

VIT Pune

May 2020 - May 2024

B.E. in Computer Science and Engineering

CGPA: 8.79/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Cloud Computing

Awards and Certificates

- AZ-104: Azure Administrator Associate, Microsoft
- AZ-900: Azure Fundamentals, Microsoft