# SANJIV MISHRA

**Bangalore, India 560087** | **+91 8088193388** | **sanjiv04mishra@gmail.com**

## Professional Summary

Bringing over 13 years of experience as a DevOps and Cloud Engineer, proficient in supporting, managing, and automating critical deployments for large-scale infrastructure. Possessing extensive expertise in various DevOps tools and concepts, collaborated with multiple engineering teams to optimize release times and ensure the stability, reliability, and scalability of cloud infrastructure.

## Links

- https://www.linkedin.com/in/sanjiv04/
- https://github.com/smishr04
- https://www.sanjivmishra.co.in/#home

## Skills

- Azure (Compute, Networking, Storage, AKS, HA&DR, Cost)
- Azure DevOps, GitHub Actions, Jenkins Pipelines
- Terraform, ARM, Ansible
- Containerization with Docker, Kubernetes
- Scripting (Python, Groovy, Bash)
- Git (GitHub, GitLab)
- Monitoring (Splunk, SignalFX, Azure Monitor and Application Insights)
- Linux and Windows

## Work History

**Senior Lead Engineer**                                                          01/2019 to Current
**Optum (UnitedHealth Group)** – Bangalore

- Lead collaborative efforts with development and IT teams to manage code releases, continuous integration, and deployment processes.
- Configure and maintain CICD pipelines using GitHub Actions, Azure DevOps, and Jenkins Pipelines for automated code deployment into Azure.
- Implement Infrastructure as Code (IaC) practices with Terraform, ARM templates, and Azure CLI to ensure efficient cloud resource management.
- Govern DevOps best practices, including version control, branching strategies, and automation, to enhance productivity and efficiency.
- Manage and optimize 11+ cloud environments across 4 Azure subscriptions to ensure security and cost-effectiveness.
- Design and implement highly available and disaster recovery architectures for cloud-based applications using Azure services.

- Implement Azure Storage solutions and manage Azure Virtual Network (VNet), Load Balancers, and Application Gateways for optimal performance and security.
- Execute blue-green deployment strategies using Azure App Service Slots, Azure Front Door, and Azure DevOps to minimize downtime.
- Develop Ansible playbooks for server patching and configure code quality and security vulnerability scanning tools like Sonar, Contrast, and CodeQL.
- Automate day-to-day tasks using Windows PowerShell, Python, and Bash scripts to streamline operations.
- Work with Docker and Kubernetes to manage containerized applications, create Kubernetes clusters, and maintain cloud infrastructure for maximum uptime.
- Utilize Azure monitoring and alerting tools such as Azure Monitor, Log Analytics, and Application Insights to ensure real-time visibility into application performance.
- Create custom dashboards in Azure Monitor and Application Insights and implement advanced monitoring and alerting solutions with SignalFx and Splunk synthetic monitoring.
- Coordinate release activities and foster collaboration between teams by implementing chat platforms, wikis, and code review systems.
- Provide technical leadership and mentorship to junior engineers in designing and maintaining continuous integration and delivery pipelines.

## Past Organizations

**GE HealthCare,** *SDET/DevOps Engineer (10/2018 - 12/2018)*
**Optum (UnitedHealth Group),** *SSE/DevOps Engineer* *(08/2016 - 10/2018)*
**DevOn (Prowareness),** *Senior Automation Engineer* (11/2014 - 07/2016)
**Scientific Games (Bally Technologies),** QA Automation Engineer (01/2011 - 11/2014)

## Certifications

- Microsoft Certified: DevOps Engineer Expert (AZ-400)
- Microsoft Certified: Azure Solutions Architect Expert (AZ-305)
- Microsoft Certified: Azure Network Engineer Associate (AZ-700)
- Microsoft Certified: Azure Administrator Associate (AZ-104)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- HashiCorp Certified: Terraform Associate

## Education

**B. Tech: Applied Electronics & Instrumentation**                                          2010
**Biju Patnaik University of Technology** - Bhubaneswar, India