Vikas Madan Surve – Tech Lead

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I'm a **Tech Lead (**DevOps Engineer**)** with over **10 years of hands-on experience** helping teams **build, deploy, and manage software** more efficiently. I've worked with tools like **Azure DevOps**, **Jenkins**, **GitLab**, **Docker**, and **Kubernetes** to **automate processes** and make systems more **reliable**. I've also used **Terraform** and **Bicep** to manage **cloud infrastructure**, mostly on **Azure**. I enjoy **solving complex problems**, **mentoring teammates**, and ensuring smooth operations from **code to production**. Whether it's **speeding up deployments** or **improving monitoring**, I focus on making **technology work better for people**.

Kye Skills

CI/CD Pipeline Automation | DevSecOps Practices | Cloud & Infrastructure as code | Container & Orchestration | Configurations & Scripting | Monitoring and Observability | Security and Networking | Leadership and Collaboration | Soft Skills & Strengths

Technical Skills

Scripting Languages: Shell, YAML, Groovy, Python | **Database Management System:** MySQL **Database:** RDBMS, NoSQL | **Container Platform**: Docker, ACR | **Architecture:** Batch Processing, Microservices **Version Control:** Git, GitHub, Azure Repos
Platform: DevOps, Azure Cloud, AWS Cloud **Monitoring & Observability:** Azure Monitor, Grafana, Prometheus, Log Analytics
Domain: E-Commerce, Facility Services, Insurance

Certifications

• **AZ-400**: Microsoft Azure DevOps Engineer Expert
• **AZ-104**: Microsoft Azure Administrator Associate
• **CSM**: Certified ScrumMaster

Professional Experience

Tech Lead	Tech Mahindra	Pune, IN| 07/2024 – Present
Technical – Team Lead	Hitachi Solutions India Pvt. Ltd.	Pune, IN| 02/2021 – 07/2024
Module Lead	Mindtree Ltd.	Bangalore, IN| 10/2019 – 02/2021
Associate	JLL Property Consultant India Pvt. Ltd.	Aurangabad, IN| 10/2018 – 09/2019
Senior Software Engineer	ValuD Software Pvt. Ltd.	Aurangabad, IN| 08/2016 –09/2018
Software Engineer	iWork Technologies Pvt. Ltd.	Pune, IN| 06/2015 – 08/2016

Project Highlights

Project 1: Automating Deployment using Bitrise
Duration: July 2024 – Present
Tools & Technologies: Bitrise, Mobile CI/CD, Backend Services, Monitoring & Alerting

- **Situation:**
  The mobile and backend teams were struggling with slow, manual deployment processes that often led to delays, inconsistent releases, and bugs slipping into production. These issues were affecting user experience and team morale.

- **Key Contributions & Impact:**
  I built and rolled out automated CI/CD workflows using **Bitrise**, which cut deployment time by over **60%** and reduced manual errors by **nearly 80%**. I also set up real-time monitoring and alerting, allowing the team to catch and fix issues before they reached users. As a result, release cycles became faster and more predictable, system stability improved, and developer productivity saw a noticeable boost.

Project 2: Enhancing E-Commerce Uptime using Jenkins, GitHub & Logging Tools

Duration: 2.3 Years

Tools & Technologies: Jenkins, GitHub, ELK Stack, Prometheus, Grafana

- **Situation:**
  The e-commerce platform was frequently going down during peak hours due to unreliable deployments and lack of visibility into system health. These outages were costing the business revenue and customer trust.

- **Key Contributions & Impact:**
  I redesigned the CI/CD pipeline using **Jenkins** and **GitHub**, enabling automated and stable deployments. I also introduced centralized logging and monitoring with **ELK Stack**, **Prometheus**, and **Grafana**, which helped the team identify and resolve issues in real time. These changes led to a **99.9% uptime**, a **40% improvement in delivery speed**, and a measurable increase in user engagement and retention.

Project 3: Multi-Platform SCM using Azure DevOps & Services

Duration: 3.6 Years

Tools & Technologies: Azure DevOps, Azure Monitor, Azure Pipelines, YAML, ARM Templates

- **Situation:**
  A facility management company was relying on outdated manual workflows for service coordination, which caused delays, errors, and poor customer satisfaction. The system lacked scalability and was difficult to maintain.

- **Key Contributions & Impact:**
  I led the development of a scalable **Service Coordination Management (SCM)** platform using **Azure DevOps**. I replaced manual processes with automated CI/CD pipelines and integrated **Azure Monitor** and **Application Insights** for proactive performance tracking. This transformation reduced deployment failures by **over 70%**, cut downtime by **50%**, and significantly improved team efficiency and customer satisfaction.

Kye Projects Executed

1. **Project:** Automating deployment using Bitrise | **Duration:** July 2024 – Present

Key Achievement: I streamlined the deployment process for mobile and backend services by automating workflows, improving release speed and reliability, and setting up real-time monitoring and alerts to catch issues early and keep everything running smoothly.

2. **Project:** Enhancing E-Commerce Uptime using Jenkins with GitHub & logging tools| **Duration**: 2.3 Years

Key Achievement: Improved system reliability, delivery speed, and user engagement by automating CI/CD pipelines, optimizing infrastructure, and implementing cross-platform support with proactive monitoring.

3. **Project:** Multi-Platform SCM using Azure DevOps & Services | **Duration**: 3.6 Years

Key Achievement: Led the development and automation of a Facility Service Management platform, replacing manual workflows with scalable CI/CD pipelines and proactive monitoring using Azure tools, which enhanced deployment success, reduced downtime, and significantly improved team productivity and user satisfaction.

Education

- **MCA – Management** | Shri. Savitribai Phule Pune University| 2015| 63.3%
- **BSc. – IT** | Dr, Babasaheb Ambedkar Marathwada University, Aurangabad| 2012| 69.9%

Reference

📖**Articles: https://devopswalavikas.hashnode.dev/**
LinkedIn: https://www.linkedin.com/in/vikas-surve-devops/