

# SANJAY S

## DevOps Engineer

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## CAREER SUMMARY

Senior DevOps Engineer with over 3.5+ years of hands-on experience in designing, implementing, and maintaining robust CI/CD pipelines and cloud infrastructure using modern DevOps tools and practices. Proficient in AWS DevOps services, container orchestration with Kubernetes, and Infrastructure as Code (IaC) with Terraform. Demonstrated success in automating software delivery processes, reducing deployment times by up to 50%, and enhancing code quality through seamless integration of advanced tools and practices.

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## SKILLS AND CORE COMPETENCIES

- **Version Control System & CI/CD Automation:** Git, Bitbucket, Jenkins, Harness
- **Configuration Management & IaC** – Ansible & Basics of Terraform
- **Cloud Computing:** Amazon Web Services (AWS) & Azure DevOps
- **Containerization & Artifacts:** Kubernetes Helm Charts, Docker, Jfrog
- **Monitoring & Logging & Code Quality & Security:** Prometheus, Grafana, SonarQube, Checkmarx, IAM, RBACs, UpTime to monitor websites
- **Agile & Collaboration:** Agile methodologies, cross-functional team collaboration
- **DevSecOps:** Wazuh - Security integration, threat detection, and vulnerability scanning, Bash, PowerShell, Python, Linux and Windows OS.
- DevOps Maturity assessment, Value Stream Mapping, Jira, ServiceNow, and Confluence Wiki Management, Good Listener, Mentoring, Leadership, Detail Oriented, Attention to detail, troubleshooting and resolution and Time management.

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## WORK HISTORY

**1. SLK SOFTWARE PVT LTD. Bengaluru** Jan 2024 – Present  
Client: **FIS GLOBAL, DevSecOps Enablement –Future Forward Program**

**2. SIMPLIFY WORKFORCE PVT LTD. Bengaluru** Aug 2023 – Jan 2024

**3. TEMENOS INDIA PVT LTD. Bengaluru** Jan 2021 – Feb 2023

PRODUCT: T24 Temenos Banking Software

**Managed release management processes and CI/CD migration initiatives for over 40 clients across EMEA and APAC regions, including Euro Bank, Commerce Bank, PayPal, Banque De Cario Egypt Bank, AlRajhi Bank, GreenDot Corporation, Raiffeisen Bank Kosovo, and Byblos Bank.**

- Established and managed a CI/CD pipeline using Jenkins and Harness, accelerating software development processes by 50%, reducing deployment times, and improving code quality.
- Integrated Dependency Tracker CycloneDX into Jenkins for robust dependency management and control over software components.
- Implemented best DevSecOps practices for code analysis and quality gates using SonarQube, reducing rework-required deployments by 50-80% through early quality checks and SAST integration with CheckMarx.

- Demonstrated expertise in AWS DevOps, managing cloud solutions and automating infrastructure with services such as EC2, S3, ECS, EventRulebridge, EKS, and Route53, ELB, SNS, Cloudwatch, IAM, Secrets Manager, ELB LoadBalancers, Global Accelerator, Lambda and Deployed T24 banking software as a service in AWS EKS and Azure AKS clusters.
- Integrated DevSecOps practices into AWS based DevOps Pipeline to ensure secure software development and deployment.
- Implemented and managed security tools such as AWS WAF and AWS Shield enhancing security of AWS resources.
- Achieved 300% Cost Reduction through Comprehensive AWS Cost Optimization leveraging Reserved Instances, Spot Instances, and Savings Plans, optimizing S3 storage with lifecycle policies, and continuously monitoring and right-sizing resources using AWS Cost Explorer and CloudWatch.
- Executed AWS Lambda migration from Python 3.7 to 3.11, showcasing technical proficiency.
- Implemented disaster recovery and high availability through Cross Region Replication for S3 buckets.
- Managed artifact storage using JFrog Artifactory and implemented secure secret management with HashiCorp Vault, including the configuration of access tokens and integration for dynamic secret provisioning.
- Collaborated with the DevSecOps team to deploy Wazuh Security Monitoring Tool on EKS for threat detection and vulnerability scanning.
- Developed and enforced Role-Based Access Control (RBAC) policies and Kubernetes Network Policies, ensuring secure access control and reducing the attack surface by 20-30%.
- Leveraged Terraform for Infrastructure as Code (IaC) to create EKS clusters efficiently.
- Integrated Ansible for provisioning and configuring infrastructure, including MySQL databases.
- Utilized Kubernetes, Helm Charts for container orchestration and migrated applications from VM-based setups to containerized environments using Docker and Dockerfile for scalable deployments.
- Streamlined the software development lifecycle, reducing code-to-production time by 45-65% through automated release processes.
- Conducted surveys to assess DevOps maturity and migration challenges to new CI/CD toolsets.
- Performed Value Stream Mapping from Code Commit to UAT to identify improvement areas.
- Collaborated with development and QA teams to standardize build and deployment processes, resulting in a more predictable and stable release cycle.

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## EDUCATION

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| 1. <b>The National Institute of Engineering (NIE), Mysuru</b><br>Bachelor of Engineering (B.E) - ECE | AUG 2016 - SEP 2020<br>9 CGPA |
| 2. <b>PACE Ultra-Modern PU College, Shivamogga</b><br>PCMB - 12th PUC                                | JUL 2014 - JUL 2016<br>92.83% |
| 3. <b>Sri Mahaveer Vidyalaya, Shivamogga</b><br>Science – 10th SSLC                                  | JUN 2013 – JUN 2014<br>91.68% |

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## TECHNICAL CERTIFICATIONS AND AWARDS

- CERTIFIED HARNESS CONTINUOUS DELIVERY & GITOPS – DEVELOPER
- CERTIFIED HARNESS CLOUD COST MANAGEMENT DEVELOPER
- CERTIFIED HARNESS FEATURE FLAG DEVELOPER
- Recognition for exemplary work ethic, exceptional talent & passion – **INNOVATION AWARD**