SAWAN CHOUKSEY

PROFESSIONAL SUMMARY

Cloud DevOps Engineer with 7 x Microsoft certified in Azure Cloud with 4.5+ years hands-on experience for contributing, automating, and optimizing mission critical deployments in Microsoft Azure, Google (GCP) & Amazon (AWS) cloud, leveraging configuration management, CI/CD tools and DevOps processes. Extensive working experience in Banking, Retails and E-Pharmacy project.

EXPERIENCE

DevOps Consultant - All Levels Deloitte Touche Tohmatsu India Private Ltd, India

2023 - Present

- Project Thanos | Axis Bank ltd.
 - Spearheaded the optimization of the deployment pipeline by implementing Jenkins, Groovy scripts, and shared libraries, bitbucket resulting in a 30% reduction in deployment time.
 - Orchestrated the seamless deployment of banking applications across multiple environments (QA, SIT, UAT, hotfix, and production) using Kubernetes (k8s), ensuring consistency and reliability in the release process.
 - Collaborated with cross-functional teams to troubleshoot and resolve cloud-related issues promptly. Providing critical support to the banking project's cloud team.
 - Developed proactive monitoring and alerting mechanisms. Actively participated in root cause analysis and debugging, swiftly resolving issues related to deployments, infrastructure, and application performance.
- Project Manipal e-pharmacy
 - Spearheaded the implementation of a robust CI/CD pipeline using GCP Cloud Build, seamlessly integrating with source code repositories and artifact registries.
 - Orchestrated Kubernetes (k8s) deployments across development, UAT, and production environments, ensuring consistent and reliable application delivery. This approach not only facilitated scalability but also allowed for efficient rollbacks and updates.
 - Managed and optimized the database infrastructure, employing Postgres as the primary database solution for ensured data integrity, security, and high availability.
 - Implemented Redis as a caching mechanism to accelerate data retrieval, minimizing latency and enhancing overall system responsiveness.
 - Implemented and configured advanced monitoring solutions on Google Cloud Platform (GCP), including Cloud Monitoring and Logs Explorer. Established proactive alerting mechanisms, enabling the early detection and resolution of potential issues.
 - Work with the operations team to define & implement best practices for log management and cloud monitoring, enhancing overall system reliability and performance.
- Project Titan Company
 - Implemented and optimized deployment workflows for a Retail project using AWS Code Build, Code Commit, RDS, AWS ECR, S3 bucket and shell scripts, across dev, UAT, and production environments.
 - Utilized Kubernetes (k8s) for container orchestration, ensuring consistent and reliable application deployments while leveraging shell scripts to automate deployment tasks, enhancing efficiency and minimizing manual errors with Cloud watch, lambda functions.

 Designed, implemented, and maintained scalable and reliable cloud infrastructure on AWS, utilizing AWS Network Load Balancer and AWS Application Load Balancer to ensure optimal distribution of network traffic across application components.

DevOps Cloud Engineer Tata Consultancy Services, India

2020 - 2023

- Project Omnistore POS Retail Solution
 - Orchestrated the provisioning and management of Azure resources, including Kubernetes (k8s) application gateway, storage accounts, container registry (ACR), and load balancers, using Terraform for efficient and consistent infrastructure as code deployment across QA, Dev, Performance Testing, and UAT environments.
 - Implemented advanced Azure services like Azure Monitor Logs, creating dedicated workspaces for centralized logs management and analysis, ensuring real-time insights into application performance and security across the cloud environment.
 - Established a comprehensive DevOps toolchain for both Azure and on-premises servers, integrating Jenkins, GitLab, Prometheus, Grafana, SonarQube, Anchor, Docker, Terraform, Bicep, and Shell scripting. This streamlined the development lifecycle, fostering collaboration and enabling continuous integration and delivery (CI/CD) for various applications.
 - Demonstrated proficiency in diverse programming languages including Java, Node.js, Maven and Python, leveraging these skills for automation and scripting tasks. Utilized Maven for Java projects, ensuring a standardized build process and artifact management.
 - Integrated security tools such as OWASP dependency check and Anchor into the CI/CD pipeline to ensure continuous security scanning and vulnerability assessments. Implemented SonarQube for code quality analysis, fostering a culture of secure and high-quality code practices across the development lifecycle.

SKILLS

- Cloud Technologies Microsoft Azure, Google Cloud Platform(GCP), Amazon Web Services(AWS)
- Container Technologies kubernetes(k8s), Docker, Podman, containerd
- IAC Technologies Terraform, Bicep, Cloudformation, Shell Script, Python
- DevOps Tools Jenkins, Helm, Git, Github, Gitlab, Bit bucket, SonarQube, Nexus, Nginx, Flyway, OWASP-Dependency Check, Burpsuite, Anchor, Twistlock, Prometheus, Grafana, EALFK(Elasticsearch, APM server, Logstash, Fluentbit, Kibana), TIG(Telegraf, InfluxDB, Grafana), MySQL, PostgreSQL, MSSQL, Redis, Lens IDE, Portainer, Linux(Ubuntu, RHEL, CentOS), DevOps Implementation Java, Maven, NodeJs, Django, SpringBoot
- Programming Languages Python, Shell Script

EDUCATION

BE, Computer Science & Engineering | CGPA 8.02

June-2019

Takshshila Institute of Engineering & Technology, Jabalpur (M.P.)

HSC, Computer Science & Mathematics | Percent 80%

June-2012

JNV, Bargi Nagar, Jabalpur (M.P.)

SSC | CGPA 9.8

June-2010

JNV, Bargi Nagar, Jabalpur (M.P.)

CERTIFICATIONS

- AZ-104 Microsoft Certified : Azure Administrator Associate
- AZ-400 Microsoft Certified : Design & Implement DevOps Solution
- AZ-500 Microsoft Certified : Azure Security Engineer Associate
- SC-900 Microsoft Certified : Security, Identity Fundamentals
- AI-900 Microsoft Certified : Azure AI Fundamentals
- AZ-900 Microsoft Certified : Azure Fundamentals
- DP-900 Microsoft Certified : Azure Data Fundamentals

AWARDS/RECOGNITIONS

TCS: Star of the Month Award
TCS: The Flash Award
Oct - 2021
Nov - 2022

LANGUAGES

Hindi, English