Umesh Indla

Phone: +1 9806006664 | **Email:** reachout2umesh@gmail.com | LinkedIn | GitHub Portfolio

SUMMARY:

Results-driven DevOps Software Developer with over **6+ years** of experience in automating, optimizing, and managing mission-critical environments. Expert in Site Reliability Engineering (SRE) and designing scalable solutions across AWS, Azure, and Google Cloud Platform (GCP). Extensive experience with Infrastructure as Code (IaC) using Terraform, Ansible, and CloudFormation. Proficient in CI/CD pipelines with tools like Jenkins, GitLab CI, and CircleCI. Strong background in networking, including TCP/IP, DNS, and VPN configurations, as well as security best practices such as IAM, RBAC, and firewall management. Skilled in IAAS, Kubernetes (K8s), Docker, and container orchestration, along with monitoring and logging using Prometheus, Grafana, ELK Stack, and Splunk. Experienced in incident management, automation, and service-level objectives (SLOs) to ensure high availability and performance. Passionate about driving DevOps culture and leveraging cloud-native solutions to enhance productivity and reduce time to market.

SKILLS:

- **DevOps Tools:** Azure DevOps, Aws DevOps, GitLab, GitHub, Bit bucket, CI/CD, Jenkins, Sonar Cube, Sast, Dast Tools, Ansible, Puppet, Chef, Docker, Open shift, Rancher, Kafka, Kubernetes, Terraform, AWS, Azure, GCP, scrum, rest, postgres, Kanban, agile, RabbitMQ, MySQL, Postgresql, networking, API, AI
- **Scripting Languages:** Python, Bash, Power Shell, Groovy, Nosql, Database, Spring
- Monitoring & Logging: ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, Splunk, Nagios, New Relic, datadog
- **App/Web servers:** Apache HTTP Server, Nginx, Microsoft Internet Information Services (IIS), Apache Tomcat, JBoss, IBM WebSphere, Centos, Ubuntu, Linux, Unix
- **Programming Languages:** C, C++, C#, R, Java, JavaScript, Python, Golang, Perl, Ruby, PHP, Angular, node.js, React

SOFT SKILLS:

Communication | Teamwork | Adaptability | Attention to Detail | Problem-Solving | Critical Thinking | Patience | Stress Handling | Time Management | Conflict Resolution | Leadership | Multitasking | Decision-Making | Interpersonal Skills

CAREER ACHIEVEMENTS:

- **Improved Deployment Efficiency:** Spearheaded the implementation of CI/CD pipelines using Jenkins and GitLab CI, reducing deployment times by 40% and minimizing downtime during software releases.
- **Enhanced System Reliability:** Led a team adopting Site Reliability Engineering (SRE) practices, achieving a 99.9% uptime across critical services through proactive monitoring, automated incident response, and performance tuning.
- **Optimized Cloud Infrastructure:** Architected and deployed scalable infrastructure on AWS, Azure, and GCP using Terraform and CloudFormation, resulting in a 30% cost reduction and improved resource utilization.
- **Streamlined Container Management:** Successfully migrated legacy applications to a microservices architecture using Docker and Kubernetes (K8s), which increased scalability and simplified the deployment process.
- **Improved Monitoring and Incident Response:** Deployed Prometheus, Grafana, and ELK Stack for real-time monitoring and logging, reducing mean time to resolution (MTTR) by 50% and improving overall system observability.
- **Optimized Network Performance:** Designed and configured complex network topologies involving TCP/IP, DNS, and VPNs to ensure high availability and secure communication across multi-cloud environments, reducing latency by 15%.

WORK EXPERIENCE:

DevOps/SRE & Cloud Engineer   **Jan 2023 – Present**
Fifth Third Bank, Remote

- Automated Infrastructure Management: Developed and implemented Ansible playbooks to automate routine infrastructure tasks, resulting in a 60% reduction in manual interventions and consistent, error-free deployments.
- Proficient in Scripting: Developed automation scripts using Python, Bash, PowerShell, and Groovy to streamline routine tasks, resulting in a 50% increase in operational efficiency and reduced manual errors.
- Improved Cloud Security Compliance: Implemented stringent security protocols, including encryption standards like SSL/TLS, and automated compliance checks, which led to achieving ISO 27001 certification for the organization.
- Led Cross-Functional Projects: Managed cross-functional teams in large-scale cloud migration projects, coordinating efforts across development, operations, and security teams to successfully migrate over 200 applications to the cloud within projected timelines.
- Kafka and RabbitMQ Implementation: Successfully implemented and managed high-throughput messaging solutions using Kafka and RabbitMQ, leading to improved data processing capabilities and system resilience.

Graduate Teaching Assistant   Aug 2022 – Dec 2022
University of Utah, SLC
- Empowered Students in Data Analysis: Delivered comprehensive instruction to over 80 undergraduate students in SQL, enhancing their proficiency in data analysis.
- Facilitated learning sessions on Power BI, enabling students to create interactive dashboards that provided actionable insights, ultimately boosting course performance by 25%.
- Transformed CI/CD Practices: Educated teams on implementing CI/CD methodologies using Jenkins and GitLab, focusing on integrating SAST and DAST tools to ensure secure and efficient code delivery.
- Developed and Taught Automation Techniques: Introduced custom automation techniques through Python, Bash, and PowerShell scripts, teaching best practices for automating repetitive tasks. This training reduced manual effort by 50% and enhanced overall productivity.

DevOps Engineer   Oct 2021 – Aug 2022
Infosys Pvt LTD, Hyderabad
- Integrated Cloud Services: Led the integration of various cloud services, including AWS Lambda, Azure Functions, and Google Cloud Pub/Sub, into a unified architecture, enabling scalable event-driven processing and reducing infrastructure costs by 25%.
- Enhanced Backup and Recovery: Implemented automated backup and disaster recovery strategies using AWS S3, Azure Blob Storage, and Google Cloud Storage, reducing data recovery time from hours to minutes and ensuring business continuity.
- Improved Logging and Analytics: Integrated advanced logging and analytics solutions using ELK Stack and Splunk, providing deeper insights into system performance and enabling proactive identification of potential issues.
- Containerization and Orchestration: Led the containerization of microservices using Docker and managed orchestration with Kubernetes and OpenShift, which improved scalability and reduced downtime by 35%. Additionally, leveraged Rancher for multi-cluster management.
- Advanced Monitoring & Logging: Enhanced system observability by deploying ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, and Splunk, which improved incident detection and resolution times by 40%. Integrated Nagios, New Relic, and Datadog for comprehensive monitoring and alerting.

DevOps Engineer   Jun 2018 – Sep 2021
Tata Consultancy Services, Hyderabad
- Optimized CI/CD Pipelines: Streamlined the CI/CD processes using Azure DevOps, AWS DevOps, and GitLab, which resulted in a 45% reduction in deployment times and improved code quality by integrating SonarQube for static code analysis.
- Automated Configuration Management: Implemented infrastructure automation using Ansible, Puppet, and Chef, reducing manual configuration efforts by 60% and ensuring consistency across development, staging, and production environments.
- Infrastructure as Code (IaC): Deployed Terraform to manage infrastructure on AWS, Azure, and GCP, resulting in a 50% increase in infrastructure provisioning speed and reducing the risk of human error.
- Versatile Programming Skills: Contributed to multiple development projects using languages such as C, C++, C#, Java, JavaScript, Python, Go, Perl, Ruby, and PHP, ensuring high-performance applications and efficient code maintenance.

Student Intern   Jul 2017 – Jan 2018
HDFC Bank Pvt LTD, Hyderabad
- Application Server Management: Managed and optimized Apache HTTP Server, Nginx, Microsoft IIS, Apache Tomcat, JBoss, and IBM WebSphere across various environments, ensuring high availability and improved performance by 30%.
- Agile and Scrum Mastery: Played a key role in Agile and Scrum teams, utilizing Kanban and Scrum methodologies to enhance team collaboration, improve project delivery times, and increase overall productivity.
- Advanced Load Balancing: Configured and optimized load balancers across AWS and Azure, improving application response times by 20% and ensuring seamless user experiences during peak traffic periods.

EDUCATION:

Masters in Information Systems   Aug 2022 – Aug 2023
University of Utah, USA
Computer Science Engineering   Jul 2014 – May 2018
GITAM University, INDIA

REFERENCE:

Available upon request.