Umesh Indla

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Professional Summary

DevOps Engineer with over 6+ years of experience automating and optimizing large-scale cloud applications; proficient in CI/CD, infrastructure as code, and container orchestration. Spearheaded the implementation of CI/CD pipelines, Diminishing deployment times by 50%, optimized infrastructure, resulting in a 30% cost reduction; collaborated with cross-functional teams to enhance system scalability and uptime, achieving 99.99% availability.

TECHNICAL SKILLS

DevOps Tools: Azure DevOps, Aws DevOps, Git, 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

Scripting Languages: Python, Bash, PowerShell, Groovy

Monitoring & Logging: ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, Splunk, Nagios, New Relic

App/Web servers: Apache HTTP Server, Nginx, Microsoft Internet Information Services (IIS), Apache Tomcat, JBoss, IBM WebSphere

Programming Languages: C, C++, C#, Java, JavaScript, Python, Go, Perl, Ruby, PHP

EXPERIENCE

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

- Initiated Azure services, including Virtual Machines (VMs), Virtual Networks (VNet), Subnets, Routing, Azure Load Balancer, Virtual Machine Scale Sets (VMSS), Azure DNS, Managed Disks, Azure Blob Storage, Azure Monitor, Azure Queue Storage, Azure Cache for Redis, Azure Functions, API Management, Azure Activity Log, Azure Active Directory (AAD), Azure Kubernetes Service (AKS), and Azure Container Registry (ACR).
- Applied robust CI/CD pipelines using Azure Developer Tools, automating build, testing, and deployment; revamped development speed by 40% and affirmed high-quality releases by integrating **DevSecOps** and cybersecurity principles.
- Setup and administered WebLogic/WebSphere Servers on **RedHat** (RHEL) Linux and Windows platforms; Bettered server performance by 30% and Enriched downtime by 25% over a 6-month period.
- Ensured compliance with industry standards and best practices for Kubernetes clusters on Azure, Including security, performance, and scalability in all DevOps **architectural** designs, achieving a 99.9% adherence rate.
- Implemented comprehensive monitoring solutions using **Azure Monitor**, Prometheus, and Grafana, enhancing system observability and reducing mean time to detection (MTTD) by 50%.

University of Utah, SLC — **Graduate Teaching Assistant** — **August 2022 – December 2023**

- Mentored 80+ undergraduate students in SQL for data analysis, enhancing **Power BI** skills and enabling creation of interactive dashboards, driving substantial data-driven insights and improving overall course performance by 25%.

Infosys Pvt LTD, Hyderabad — **DevOps Engineer** — **October 2021 – August 2022**

- Pioneered server infrastructure migration to Azure, managing Linux and Windows environments, enhancing performance by 50%, and ensuring data integrity during the transfer of 1TB+ of critical information.
- Integrated **Git** with Jenkins to implement robust CI/CD pipelines, automating code builds, testing, and deployments, resulting in a 50% reduction in deployment time and a 30% decrease in deployment errors.
- Designed and deployed scalable applications using Azure Cloud Infrastructure services, Contributed to development of cost optimization tool POC for Azure Virtual Machines, reducing expenses by 32%.
- Developed and maintained Infrastructure as Code (IaC) using Terraform and Azure Resource Manager (ARM) templates to provision and manage resources in Azure and AWS, decreasing provisioning times by 60%.
- Engineered a robust CI/CD pipeline with FluxCD and ArgoCD, automating Kubernetes cluster management and reducing manual intervention by 80%, leading to a 25% increase in deployment efficiency.

Tata Consultancy Services, Hyderabad — **DevOps Engineer** — **June 2018 – September 2021**

- Streamlined server patching and updates with Ansible, reducing system downtime by 30% and ensuring compliance with security standards, Developed and maintained Ansible playbooks for deploying applications and services improved deployment speed by 23%.
- Orchestrated Kubernetes chart management with **Helm**, creating reproducible builds for applications, managing deployment and service files, and overseeing Helm package releases, enhancing deployment efficiency by 40% and reducing downtime by 25%.
- Engineered RESTful and SOAP APIs that enabled seamless integration between 10+ enterprise applications, reducing data transfer time by 40% and improving system interoperability by 25%.
- Exploited Performance Optimization strategies in the development of a continuous integration pipeline, leading to a 15% increase in deployment speed.

HDFC Bank Pvt LTD, Hyderabad — **Student Intern** — **July 2017 – Jan 2018**

- Positioned action a robust Microservices architecture for application development using Azure and Docker, enhancing continuous delivery and boosting system availability by 40% with Azure Classic and Azure Resource Manager deployment models.
- Configured Azure Virtual Appliances utilizing VMware to create robust firewall solutions, ensuring compliance with security standards and reducing unauthorized access incidents by 45% across all virtual environments.
- Configured and activated servers using Azure Resource Manager (ARM) Templates and Azure Portal; transitioned 55+ on-premises virtual machines to Azure, cutting maintenance costs by 30%.

Education

Masters in Information Systems — **University of Utah, USA** — **August 2022 – August 2023**

Computer Science Engineering — **GITAM University, INDIA** — **July 2014 – May 2018**