YATENDRA SHARMA
DevOps Engineer

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PROFESSIONAL SUMMARY:

Accomplished and result-oriented DevOps Engineer with over 2+ years of experience in the IT industry. Proficient in designing, developing, and implementing infrastructure using AWS services. Skilled in managing and orchestrating containerized applications with Kubernetes, utilizing Git for version control, and building CI/CD pipelines. Strong background in automating infrastructure provisioning and application deployments, coupled with excellent problem-solving and collaboration skills.

TECHNICAL SKILLS:

Scripting Languages: Python, Bash | **Version Control & Code Management:** Git, GitHub | **Containerization & Orchestration:** Docker, Docker-Compose, Kubernetes, Elastic Kubernetes Service (EKS), Rancher Kubernetes, Helm | **CI/CD & Automation:** Jenkins, GitHub Action, Ansible, Terraform | **Monitoring & Logging:** Prometheus, Grafana | **Artifact Management :** Elastic Container Registry, Azure Container Registry, Docker Hub | **Security & Quality Tools**: SonarQube, OWASP, Trivy, Docker Scout | **Ticketing & Collaboration Tools:** ServiceNow | **Operating Systems**: Linux, Windows | **Cloud Platforms**: Azure Cloud, AWS (EC2, S3, VPC, IAM, CloudFormation, AWS DevOps)

WORK EXPERIENCE:

Organisation: INFOSYS Limited. **June 2022 — Present**
Designation: Senior Systems Engineer **Role:** DevOps Engineer

- Managed and orchestrated PODs using **Rancher Kubernetes**, ensuring optimal resource allocation and scalability while improving application deployment consistency by creating and managing **Docker** containers.

- Implemented CI/CD pipelines using **GitHub Actions**, automating the build, test, and deployment processes, which resulted in a 30% reduction in deployment times. Additionally, Integrated **Azure Container Registry** for efficient and secure storage and management of container images.

- To enhance monitoring and logging, developed solutions using **Grafana** and **Prometheus**, creating dashboards for real-time performance metrics and system health monitoring, thereby improving issue detection and resolution times by 25%. Furthermore, I utilized **ServiceNow** for ticket tracking and management, ensuring timely resolution of issues and effective communication with stakeholders.

PERSONAL PROJECT:

Evento: Event management Platform | Linux, Git, Docker, Jenkins, SonarQube, Trivy, OWASP, EKS.

- Developed an event management platform utilizing a range of modern DevOps tools and practices. Utilized **GitHub** for source code management and version control. Implemented a CI/CD pipeline using **Jenkins** to automate build, test, and deployment processes.

- Integrated **SonarQube** for continuous inspection of code quality and **Trivy** for container vulnerability scanning, ensuring adherence to security best practices with **OWASP**. Containerized applications using Docker and managed them efficiently by pushing Docker images to **Docker Hub**.

- Deployed and managed these containerized application using **Elastic Kubernetes Service** (EKS), ensuring high availability and scalability.

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate (In Progress)
- Certified Kubernetes Administrator (CKA) (In Progress)
- AWS Certified Cloud Practitioner - Completed
- Microsoft Certified Azure Fundamentals - Completed

EDUCATION:

Raj Kumar Goel Engineering College Ghaziabad, INDIA
Bachelor of Technology *(CGPA: 8.00)* **Aug 2017 - Aug 2021**