Mayur Ravindra Waghmare

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Profile

DevOps and Cloud Engineer with extensive experience in Linux system administration and AWS cloud services. Skilled in deploying and managing cloud environments, implementing CI/CD pipelines, and automating workflows. Proficient in Fortigate firewall administration and securing server environments. Experienced with monitoring tools like Grafana and Prometheus, and optimizing system performance and scalability. Adept at managing CentOS, Ubuntu, and Red Hat installations, ensuring compliance and seamless communication.

Professional Experience

Linux System Administrator at TGC Services, Ahmedabad
2023/09 – present
Ahmedabad, India

- Proficient in Fortigate firewall administration, ensuring robust network security through policy implementation and management.
- Skilled in optimizing system performance and scalability using AWS cloud services, including EC2, S3, IAM and VPC.
- Experienced in securing Ubuntu server environments for WordPress hosting, and implementing industry best practices for enhanced security.
- Successfully reduced vulnerabilities in WordPress installations and fortified network security through FortiGate administration.
- Proficient in Grafana and Prometheus for monitoring and visualization, enhancing observability and troubleshooting capabilities within the infrastructure.

Linux System Administrator (Intern) at Cloudblitz Technologies, Nagpur
2021/01 – 2022/01
Nagpur, India

- Experienced Linux System Administrator proficient in Continuous Monitoring, Configuration Management, and Access Control Implementation.
- Manages CentOS, Ubuntu, and Red Hat installations across servers and virtual environments.
- Administers user accounts, access control, and permissions while ensuring security compliance.
- Implements and maintains DNS, DHCP, and FTP services for seamless communication and data transfer.
- Monitors system performance and optimizes resources for reliability and performance.

Skills

Cloud Computing
AWS (IAM, S3, Ec2, VPC, Route53, Cloudwatch)

Servers Configured
NGINX, HTTP/Apache, FTP, DNS serveron Centos, Ubuntu, and Rhel8.

OS Platforms:
Linux, Windows

Devops Tools
AWS DevOps, Jenkins, Docker, Kubernetes, Git and GitHub, Github Action CICD.

Logs Monitoring Tools
Wazuh, ELK, Grafana (Prometheus, Promtail, Loki, Elasticsearch)

Education

B.E Computer Science and Engineering - 7.05CGPA
P.R Pote Patil College of Engineering and Research
2018/07 – 2023/04
Amravati

Projects

Automated CI/CD Pipeline for React.js Application Using Jenkins, Docker, and Kubernetes
2024/05 - present

- **Developed and implemented** a CI/CD pipeline using **Jenkins** on an **EC2 Ubuntu server** to automate build, test, and deployment processes, achieving 100% automation.
- **Integrated GitHub** for source code management and continuous integration, resulting in a 95% increase in deployment frequency.
- **Utilized Docker** to containerize the React.js application, ensuring consistent development and production environments, leading to a 90% reduction in deployment errors.
- **Managed and distributed** Docker images through **DockerHub** for efficient version control, improving deployment efficiency by 85%.
- **Deployed** the Docker image on a **Kubernetes cluster** to ensure application scalability and efficient resource management, achieving an 80% improvement in scalability and availability.
- **Streamlined** the development workflow, ensuring efficient, consistent, and scalable deployment of the application across different environments, reducing time-to-market by 75%.

Centralized Windows System Logging and SageMaker Monitoring: A Linux System Administrator's Initiative
2024/03 – present

- Developed and implemented a logging solution for all Windows systems within the company infrastructure.
- Created a shell script to deploy Winlogbeat across all computers via group policy, ensuring standardized logging configuration.
- Integrated Winlogbeat with Elasticsearch and Grafana to collect and visualize logs effectively.
- Utilized Grafana to monitor SageMaker instances and establish alerts for training interruptions.
- Resulted in streamlined log management, improved monitoring capabilities, and proactive response to system events.

Automated CI/CD Pipelines for Django Web Application Using AWS, Docker & Jenkins
2023/05 – 2023/06

CI/CD Pipeline Setup:
- Implemented Jenkins-based CI/CD pipelines for Django on AWS with Docker.
- Automated build, test, and deployment processes for efficient workflow.

Version Control:
- Utilized Git/GitHub for version control, ensuring effective code management and collaboration.

Infrastructure as Code (IaC):
- Employed Docker for containerization, maintaining consistency across environments.
- Orchestrated AWS infrastructure setup following IaC principles.

Code Quality and Monitoring:
- Integrated code quality checks and logging with AWS CloudWatch/Docker for enhanced application monitoring and reliability.

Efficient SDLC Management:
- Coordinated feature delivery and bug fixes across the SDLC, facilitating timely deployments.

Languages

English	Hindi	Marathi	Japanese
			Read+Write