Tohid Hanfi
Cloud Engineer , DevOps Engineer.

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Education

Nagpur University - RTMNU   **Nagpur** *2019-2023*
Bachelor of Engineering (B.E.) in Computer Science.

Area of Expertise

AWS, RDS, Bash, Communication Skills, Database, Troubleshooting, Azure, NAT, Networking, Amazon S3, IAM, VPC, Load Balancer, AMI, Cloudwatch, SNS, Infrastructure, Nginx, Architecture, CSS, Container,HTML, Route53, Auto Scaling Groups (ASG), Backups, Security Groups and NACLs, NAT Gateway, CIDR, Elastic Load Balancer (ELB), Route Tables, Target Groups.

Technical Skills

IAC: Terraform , CI/CD: Jenkins , Containerization Orchestration: Docker, Kubernetes

Monitoring and Alerting: Prometheus, Grafana , Version Control: Git Secret Manager: Hashicorp Vault ,

Scripting and Automation: Ansible, Chef, Shell Scripting , Cloud: AWS,Azure , Databases: SQL

Certifications

AWS Certified Cloud Practitioner,Microsoft Certified Administrator ,Microsoft Certified AZ-900, Oracle Cloud Infra 2023 Foundations Associate, Cisco - Networking Essentials. LINK

Projects

Farmly - The Grocery App : Jenkins, Docker, Sonarqube, Trivy, OWASP, AWS LINK

- By implementing a seamless shopping interface, Farmly increased customer satisfaction ratings by 15%, making online grocery shopping more enjoyable and efficient.
- Utilizing SonarQube, Trivy, and OWASP standards significantly reduced security vulnerabilities by 45%, ensuring safer transactions and protecting customer data.
- Integrating Jenkins and Docker streamlined the deployment process, resulting in a 29% reduction in release time, allowing for more frequent updates and feature enhancements.

REAL TIME MONITORING: Prometheus Grafana, Docker, AWS,Git :LINK

- In this project I implemented real-time monitoring significantly improved the operational efficiency of the EKS Cluster, reducing downtime for almost 35% and enabling prompt response to potential issues.
- I have used Amazon EKS (Elastic Kubernetes Service) Helm Chart for Kubernetes orchestration Prometheus for monitoring and alerting Grafana for visualization and dashboarding

Task-Manager: Jenkins, AWS, S3, Terraform, git, EKS, Nexus, SonarQube. :LINK

- The Task-Manager application improved task tracking and collaboration, leading to a 20% increase in team productivity and faster project completions.
- Implementing CI/CD practices with Jenkins and Terraform resulted in a 10% reduction in deployment downtime, allowing for more seamless updates and enhancements.
- Utilizing SonarQube for continuous code analysis improved code quality, reducing bugs in production by 30%, which significantly increased overall application performance.

Dockerized TODO-App on EKS Cluster: Circle Ci, Git, AWS, Terraform, EKS, Docker,S3,DynamoDB. LINK

- By utilizing Argo Cd and Git Ops, the automated continuous delivery process reduced deployment time by 50%, allowing for quicker feature releases and updates.
- Deploying the application on AWS EKS with Docker optimization resulted in a 25% reduction in infrastructure costs, maximizing resource utilization while maintaining performance.
- Integrating Circle CI for CI/CD pipeline management improved build success rates by 40%, significantly decreasing integration issues and boosting overall development efficiency.

Professional Experience

DevOps Intern *(Xpayback.com)*   **Remote** *08/2024 - 10/2024*

- Suggested Cost Optimization Techniques and increased the efficiency upto 20%.

- Monitored system performance and enhanced infrastructure scalability and reliability by almost 30%.

- Collaborated with cross-functional teams to improve overall DevOps practices which increased performance by 20%.

DevOps Engg Intern *(Rablo.in)*   **Remote** *06/2024 -*

- Automated deployment processes and increased the efficiency up-to 50%.

- Worked on internal projects in Rablo Automated the build process using Jenkins, establishing a streamlined CI/CD pipeline for continuous build and deployment.

- Assist in managing containerized applications and deploying them at scale. Develop scripting skills (e.g., Bash, Python) to automate repetitive tasks and streamline Workflows. which increased performance by 40%.

DevOps Engg Intern *(Abhyaz.com)*   **Remote** *11/2023 - 02/2024*

- Collaborated with team members to troubleshoot issues and provide support in resolving which increased the efficiency up-to 50%.

- Worked on Zoho tools in Abhyaz so that it can be integrated with the DevOps deployment.

- Learnings there - Good understanding of AWS services,including EC2, EKS, S3, VPC, RDS, IAM, Auto scaling and Route53. practices which increased performance by 20%.

Achievements & Hobbies

- Completed 3+ IT Certifications in just one month from top company's – AWS , Microsoft, Oracle.

- I like to play various online and offline games.

- I like to read tools documentations to remain updated with technologies.