UJWAL BUDHA

Jr DevOps Engineer

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☆ https://github.com/UjjwalBudha

SUMMARY

DevOps enthusiast passionate about bridging development and operations for streamlined workflows. Dedicated to driving continuous improvement and optimizing software delivery

PROJECTS

Containerizing and orchestrating a PHP-MySQL Authentication Website Using Kubernetes

🔗 https://github.com/UjjwalBudha/php-k8s

- Kubernetes pod deployment **achieved 80% CPU, 65% memory avg**; scales horizontally for variable workloads
- Using Kubernetes, containerize PHP frontend and MySQL backend achieving 90% resource efficiency for scalable authentication
- Utilizing Kubernetes' robust features, we guarantee high availability and fault tolerance, minimizing downtime for the authentication

Three-Tier-Architecture Deployment on AWS with Terraform

🔗 https://github.com/UjjwalBudha/Three-Tier-Architecture-AWS-with-Terraform

- Deployed three-tier architecture on AWS with Terraform, configuring VPC, subnets, EC2, RDS, and ALB
- Enhanced security with Terraform-managed security groups and subnet configurations
- Streamlined deployment processes with Terraform's plan and apply commands for efficient resource provisioning

Deploying Netflix Clone on AWS with Jenkins

🔗 https://github.com/UjjwalBudha/Netflix-Clone-DevSecOps

- Achieved a **50% reduction in deployment time** through the implementation of an end-to-end CI/CD pipeline using Jenkins, Docker, and Kubernetes
- Integrating SonarQube and Trivy for code analysis has reduced security vulnerabilities by 30%, as measured by CVSS score
- Enhanced system **uptime by 25%** with proactive monitoring using Prometheus and Grafana

EXPERIENCE

DevOps Traning

NSS Thailand

📅 08/2023 - 09/2023

- Led 10+ CI/CD pipeline implementations, deploying apps on AWS, orchestrating containers with Kubernetes/Docker
- Mastered Terraform for infrastructure provisioning, deployed and managed 30+ cloud resources with 99% uptime.
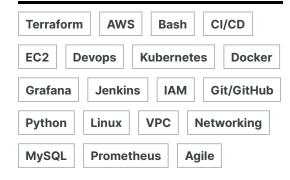
Technical Writer

Hashnode & Medium

📅 2023 - 2024

- Published insightful articles on Hashnode and Medium, contributing to the community's knowledge base while enhancing my own expertise and supporting others in their learning journey

SKILLS

Terraform   AWS   Bash   CI/CD   EC2   Devops   Kubernetes   Docker   Grafana   Jenkins   IAM   Git/GitHub   Python   Linux   VPC   Networking   MySQL   Prometheus   Agile

SOFT SKILLS

Research   PPTX   Documentation   Communication   Collaboration

EDUCATION

BSC CSIT

Texas International College | 4th Year

📅 2021 - 2025

10+2

VS Nikaten College

📅 2019 - 2021

CERTIFICATION

DevOps Training
Under the guidance of SusiGuGh from NSS
Certificate

DevOps Beginners to Advanced with Projects
Certificate

REFERENCES

Abhiyan Khanal | Sr. Software Engineer
Leapfrog Technology, Inc.
linkedin.com/in/abhiyan-khanal-725067205

Lal Bahadur Budha | DevSecOps Engineer
Yoll Academy
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