Vidhi Agrawal

Software Engineer

Contact

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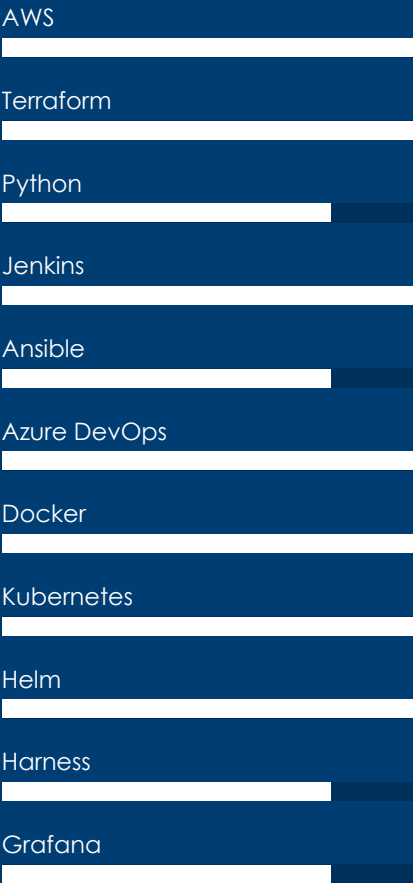Vidhi28091997@gmail.com

LinkedIn
https://www.linkedin.com/in/vidhi-agrawal-4a6b28190

Websites, Portfolios, Profiles

- https://www.linkedin.com/in/vidhi-agrawal-4a6b28190

Skills

AWS

Terraform

Python

Jenkins

Ansible

Azure DevOps

Docker

Kubernetes

Helm

Harness

Grafana

Experienced Cloud and DevOps Engineer with 5 years of expertise in cloud development, configuration management, and automation. Proficient in cloud services, including compute, storage, and networking solutions. Skilled in Infrastructure as Code (IaC) using industry-standard tools and containerization technologies. Developed and maintained CI/CD pipelines for efficient software delivery, and utilized configuration management for automation. Experienced in integrating testing and code quality analysis tools, and managing package deployments. Proficient in Shell Scripting and monitoring and testing applications. Familiar with incident management and support tools, and adept in both Linux and Windows operating systems. Strong understanding of high availability architecture, with the ability to work independently and as part of a team.

Work History

2023-05 - Current

Software Engineer

IMPETUS LTD, Pune, India

- Automated deployment processes using declarative Jenkins Pipeline for continuous integration and continuous delivery (CI/CD)
- Deployed Docker containerized applications on Kubernetes cluster for scalable and reliable application management
- Assessed code vulnerabilities with Trivy and conducted code quality analysis through SonarQube Quality Gates to ensure robust and secure code
- Automated 60% of routine operational tasks using Infrastructure as Code tools, reducing manual effort and minimizing human errors.
- Built Java applications using Maven, including artifact generation and management as part of build process.
- Implemented monitoring solutions with Grafana for real-time application performance tracking and set up email alerts for proactive issue resolution
- Ensured continuous application operation by monitoring deployment stages and addressing any issues to maintain system stability.
- Oversaw deployment of 15 microservices on Kubernetes, ensuring seamless integration and reducing deployment errors by 35%

2022-06 - 2023-04

Software Engineer

IMPETUS LTD, Pune, India

- Oversaw CI/CD pipeline management for microservices applications, ensuring streamlined and efficient software delivery
- Designed and provisioned resources and infrastructure for project deployment and management
- Deployed multi-tier applications on Kubernetes clusters to enhance application scalability and reliability
- Collected and did analysis about application requirements

Languages
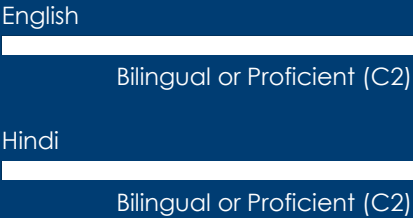
to create and configure containerized solutions

- Conducted vulnerability assessments and resolved dependency issues during code deployment to ensure secure and stable releases
- Implemented and managed Ingress controllers for effective traffic management and load balancing
- Deployed and configured Prometheus and Grafana for comprehensive cluster health monitoring and performance analysis
- Managed and maintained source code and Docker images using Amazon Elastic Container Registry (ECR).
- Participated in agile development processes, including daily stand-ups, sprint planning, and retrospectives.
- Streamlined deployment processes, significantly reducing deployment time by 25% and minimizing errors.

2019-12 - 2022-05	**Systems Engineer**

INFOSYS LTD, Pune, India

- Migrated on-premise resources to AWS Cloud, including designing and provisioning cloud infrastructure from scratch
- Implemented changes and updates to existing applications running on AWS Cloud to improve functionality and performance
- Leveraged Terraform as an Infrastructure as Code (IAC) tool for efficient resource provisioning and management in AWS Cloud
- Utilized Azure DevOps for comprehensive project management, version control, build automation, testing, reporting, and code deployment
- Ensured security and integrity of cloud resources through effective control mechanisms
- Monitored cloud environment for potential issues, ensuring proactive problem resolution
- Created alerts using AWS Lambda based on specific metrics and requirements to maintain operational efficiency
- Addressed Active Directory issues, managed logging, and handled user access level concerns across the environment.

Education

2015-08 - 2019-05	**Bachelor of Engineering**

Rajiv Gandhi Proudyogiki Vishwavidhyalaya - Bhopal

2014-06 - 2015-05	**Higher Secondary Education**

Central Board of Secondary Education - Pipariya

2012-06 - 2013-05	**Senior Secondary Education**

Central Board of Secondary Education - Pipariya

Certifications

AWS Certified Solutions Architect - 2021

Interests

Writing Poetries

Reading Books

Cooking

Dance