Vashanth S

DevOps Engineer

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PROFILE

Always excited to deep dive in to technologies. Like to explain things I learnt through blogs and projects. Believe more in practicality than theory. My interest to design and develop appliactions is what keeping me on the move.

PROFESSIONAL EXPERIENCE

CGI IT AND BUSINESS CONSULTING 09/2021 – present | Bangalore, India

System Engineer

- Used automation technology to build, set up, and preserve AWS infrastructure with CI/CD pipelines, Kubernetes, Docker, and Terraform.
- Managed Kubernetes cluster for application website hosting, ensuring scalability and robustness.
- Maintained Docker images for constant performance throughout environments.
- Monitored and optimized AWS infrastructure for performance, availability, and price effectiveness.

TMI 01/2020 – 07/2020 | Dindigul, India

SOFTWARE ENGINEER

- Assist in migrating on-premise systems to AWS for scalability and flexibility.
- Configure AWS Aurora databases for high quality and data integrity.
- Developed Python and shell scripts for system automation.
- Collaborated with senior engineers to resolve product issues, increase system performance.

EDUCATION

MBA Finance And Marketing 2021 – present | Bengaluru

JAIN UNIVERSITY

CGPA: 8.5%

Bachelor in Mechanical Engineering 2017 – 2021 | Dindigul

SSM Institute of Engineering and Technology

CGPA : 7.4%

SKILLS

System Administration and Monitoring:
Windows/Linux Admin, System Monitoring, Nagios

Cloud Platforms and Services:
AWS, Google Cloud Platform

Security and Compliance:
Cloud Security, SRE, TLS, Compliance

Programming and Development:
Python, JavaScript, TypeScript, .NET Core

Infrastructure and Automation:
DevOps, Terraform, Docker, Kubernetes (EKS), Jenkins, CD Pipelines, Ansible, Mavens, Puppet, Chef.

PROJECTS

DevOps Project using Git, Jenkins, Maven, Ansible, Docker & Kubernetes.
CI/CD Project

- The Jenkins server streamlines software program integration (CI), automating build, check, and deployment.
- Maven compiles code and runs checks in CI, then deploys artifacts to Tomcat.
- In CD, Docker creates app box snap shots, deployed on Kubernetes.
- Ansible automates Docker hosts and Kubernetes clusters. AWS EKS simplifies Kubernetes deployment on AWS.

CLOUD NATIVE MONITORIONG APP
Devops Project

- Use the psutil library to store device aid statistics in Python.
- Create a Dockerfile to specify the Python photograph and dependencies.
- Build and push the Docker picture to ECR.
- Create an EKS cluster the usage of the AWS CLI.
- Create a node institution the usage of eksctl.
- Deploy the utility the use of kubectl.
- Manage the deployment and provider the use of kubectl.

OS Patch Automation on AWS EC2 instances
Cloud Computing Project

- Used AWS to develop and implement an efficient EC2 patch automation solution.
- Established a CI/CD pipeline for seamless development.
- Collaborated closely with interdisciplinary teams.
- Desired confidence by minimizing the risk of downtime.