Hemanth Narayanaswamy

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SUMMARY

With 3+ years of experience as a skilled DevOps Engineer with a master's degree in computer engineering, proven expertise in overseeing cloud infrastructure management, deploying applications on Kubernetes clusters, and executing and maintaining CD/CI pipelines. Proficient in a variety of DevOps tools, such as Jenkins, Git, Docker, and Terraform. Passionate about continuous learning and improvement and have successfully completed multiple projects involving DevOps and its associated tools, resulting in improved efficiency, reliability, and scalability of software systems.

WORK EXPERIENCE

Victrix   **Quebec, Canada**
DevOps Intern   *September 2022 - Present*

- Assisted in designing and implementing End-o-End High Quality cloud infrastructure resulting in a 30% reduction in deployment time using Azure, including resource provisioning policy and in managing containers using Docker and Kubernetes for efficient application deployment, rolling updates and management in production systems.
- Contributed to automation efforts using scripting languages such as Bash and Python to improve deployment and monitoring processes. Collaborated with team members to ensure smooth integration of code changes into the DevOps workflow.
- Gained experience in monitoring and logging using Azure tools like Log Analytics, Azure Monitor, and Application Insights for efficient resource utilization and performance optimization.
- Writing shell scripts for Linux administration tasks and schedule in the respective run levels for automate day-to-day activities such as auto start application server, web server, log rotate and removing of old logs and configuration management has ensured a 99% uptime for critical applications.

Huawei Technologies   **Bangalore, India**
DevOps Engineer   *July 2019 - August 2021*

- Worked on Docker, OpenShift and Kubernetes - Container management, Networking, Volumes deployment strategies, monitoring, Scaling,and security with knowledge in AWS – EC2, S3, Lambda, CloudWatch, ECS, EKS, VPN, RDS.
- Monitored the cluster for issues, Pods health, troubleshooting issues using logging, and performing regular maintenance tasks such as upgrading Kubernetes versions and patching security vulnerabilities.
- Foster a culture of passion and problem-solving. Encourage team members to be proactive in finding solutions to problems and cultivate a passion for success, decision making and growth. Provide resources and guidance to help foster a positive, problem-solving attitude.
- Perform maintenance and troubleshooting of continuous integration systems including build and deployment used across multiple environments ensuring 98% uptime for applications.
- Checking out source code from version control systems like GitHub, knowledge with cloning, pushing the code based on the requirement involved in Branching, Tagging and Merging of code delivery with Git and resolving merge conflicts.
- Participated in the Agile design, development, testing, and release of new capabilities and features.

DXC Technology   **Bangalore, India**
Cloud Engineer   *May 2018 – June 2019*

- Proficient Skilled in implementing cloud architectures using Infrastructure as Code (IaC) tools such as Terraform and CloudFormation, Containerization technologies such as Docker and container orchestration tools like Kubernetes for application deployment and management.
- Develop and maintain best practices for DevOps team members with a focus on the big picture. Utilizing proactive strategies, foster an environment of open communication, allowing team members to effectively communicate and share ideas.
- Familiarity with monitoring and logging tools like CloudWatch, Prometheus, and Grafana for efficient resource utilization and performance optimization. Improved system reliability by 25% by implementing proactive monitoring and alerting systems.
- Expertise in implementing, designing, and managing Continuous Integration/Continuous Deployment (CI/CD) pipelines with best practices using tools like Jenkins, Git, and GitHub tools for product development with 20% Reduction in deployment.
- Led and participated in continuous improvement efforts, workflows suggesting, and implementing process improvements to enhance efficiency and productivity in a fast-paced production system.

SKILLS

Version Control Tool (Git, GitHub) | **Containerization** (Docker) | **Orchestration** (Swarm, Kubernetes (Helm)) | **Monitoring** (Prometheus, Datadog, Grafana) | **Automation** (Ansible, puppet) | **Web Servers** (Nginx, tomcat, Apache) | **Scripting** (Bash, Python, Java) | **Agile** (Jira) | **OS** (Linux: RHEL 8, Windows) | **CD/CI** (Jenkins, Maven) | **Iac:** Terraform | **Database:** mysql, sql, postgresql | **Cloud computing Services:** AWS, Azure

EDUCATION

Concordia University   **Montreal, QC**
Master of Engineering (Electrical and Computer Engineering)   *Jan 2021- Dec 2022*