Poovarasan M

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PROFESSIONAL SUMMARY

Proficient DevOps Engineer with a proven track record of 3 years experience in optimizing software delivery pipelines and enhancing operational efficiency. Experienced in cloud platforms such as AWS and Azure, with expertise in CI/CD, Docker, Kubernetes, Terraform, and Python scripting. Strong communicator and team player, adept at collaborating in cross-functional environments.

SKILLS

- Cloud Platforms: AWS, Azure
- CI/CD: Jenkins (Groovy), GitHub Actions
- Containerization: Docker, Kubernetes
- Infrastructure as Code: Terraform, Ansible
- Programming: Python, React JS
- Version Control: GitHub
- Project Management: Jira, Confluence
- Databases: SQL, MongoDB
- AWS: EC2,S3, Lambda, VPC, ECR,EKS,Route 53.
- Monitoring: Prometheus, Grafana
- Collaboration Tools: Jira, Confluence
- Others: Quality assurance, Project Management, Quick Learning, Dedicated, Confidence, Motivated.

PROJECTS

MERN Stack Streaming Application
Hero Vired

- Implemented a comprehensive CI/CD pipeline using Terraform, Ansible, Docker, and Jenkins, achieving 75% faster deployment cycles and reducing manual intervention by 80%, significantly enhancing operational efficiency.

Boto3- Automation project
Hero vired
- Automated lifecycle management of a web application on EC2 instances using Boto3
- Skill sets used EC2, S3, Load balancing, Auto scaling group, SNS, Boto3, python, and Lambda.

[MERN Stack web application](#)
Hero vired
- Deployed ReactJS web application on AWS using CI/CD pipeline with Jenkins and GitHub Actions, reducing deployment time by 30%
- Containerized application with Docker and deployed on EKS and ECS, improving scalability and resource utilization by 40%
- Managed AWS cloud services with Terraform

PROFESSIONAL EXPERIENCE

Wipro **Bangalore**
Project Engineer *September 2021 to present*

- Spearheaded the Build Release Team, orchestrating seamless transitions of changes into production within the test cycle, ensuring minimal downtime and maximum efficiency.
- Managed and optimized CI/CD pipelines, meticulously monitoring nightly deployments, and swiftly addressing any defects, resulting in a 20% reduction in deployment failures.
- Pioneered front-end development for a seamless user experience

INTERNSHIP

Iamneo.ai **Coimbatore**
Quality Engineer *April 2021 to September 2021*

- Collaborated with a team to develop educational materials covering various programming languages

Collegedunia **Remote**
Content creator *December 2020 to April 2021*

- Crafted engaging articles and conducted extensive research

CERTIFICATION

Hero Vired
DevOps and Cloud Engineering *July 2023 - present*

Microsoft July 2024
Microsoft Azure Fundamentals(AZ-900)

EDUCATION

Sri Sairam Institute of Technology **Chennai**
Bachelor's degree in Information Technology August 2017 - May 2021