VENKATA NAGA SAI SARAN NICHENAMETLA

AWS DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

Results-driven AWS Dev Operations Engineer at Speshway Solutions Pvt. Ltd., adept at enhancing deployment efficiency through CI/CD automation. Proficient in Docker, Kubernetes, and Terraform, I excel in infrastructure as code and collaborative problem-solving, ensuring seamless project lifecycles and effective resource management.

WORK HISTORY

AWS Dev Operations Engineer, 02/2023 - Current

Speshway Solutions Pvt. Ltd. – Hyderabad, India

- Improved code deployment efficiency by automating processes with CI/CD pipelines.
- Maintained version control systems like Git or SVN for seamless collaboration among developers and engineers during project lifecycles.
- Designed and implemented containerization strategies using Docker and Kubernetes, improving resource utilization and management.
- Monitored automated build and continuous software integration process to drive build/release failure resolution.

Project

AWS Implementation in DevOps

A skilled DevOps Engineer with hands-on experience implementing AWS services to streamline application deployment, infrastructure automation, and continuous integration/continuous delivery (CI/CD). Proficient in using AWS tools and services such as EC2, S3, CloudFormation, CodePipeline, and EKS to optimize workflows, enhance scalability, and improve security. Adept at integrating containerization and orchestration tools, monitoring performance with CloudWatch, and implementing disaster recovery strategies to ensure high availability and reliability.

Technologies & Tools:

- AWS Services: EC2, S3, CloudFormation, CodePipeline, CodeBuild, CodeDeploy, ECS, EKS, Lambda, IAM, CloudWatch,RDS, DynamoDB
- Infrastructure as Code (IaC): CloudFormation, Terraform
- CI/CD: AWS CodePipeline, Jenkins, GitLab CI/CD
- Monitoring & Logging: CloudWatch

- Containerization: Docker, ECS, EKS
- Operating System: Linux
- Programming Language: Python
- Database: MySQL

Design Engineer, 08/2021 - 02/2023

Cadsys India Limited – Hyderabad, India

- Streamlined the design process for increased efficiency by utilizing advanced CAD software tools.
- Managed multiple projects simultaneously while adhering to strict deadlines and maintaining a high level of attention to detail.
- Optimized existing designs, reducing production costs and enhancing overall performance.
- Addressed design challenges and evaluated alternative design models to meet project requirements.

Project

- AT&T (F1,F2 & Permits)
- Comcast Permits
- Lumen (HLD,Permits)

SKILLS

Jenkins

Jenkins deployment

Infrastructure as Code

MySQL databases

Monitoring and logging

Docker and Kubernetes experience

Knowledge of services (S3,EC2,IAM,RDS,Code
Deploy, etc..,)

EDUCATION

B.Tech: Electronics And Communications Engineering, 07/2017 - 05/2021

SRM Institute of Science And Technology - Chennai

- Percentage 66.55%

Intermediate: MPC, 07/2015 - 04/2017

Sri Chaitanya Junior College - Vijayawada

- Percentage 89%

10th: 06/2014 - 03/2015

Ravindra Bharathi School - Allagadda

- Percentage 80%

CERTIFICATIONS

AWS Cloud Practitioner Essentials Certificate

Issued: April 2025

Completed the AWS Cloud Practitioner Essentials course, demonstrating foundational knowledge of AWS cloud services and core cloud computing concepts.

AWS Educate Introduction to Cloud 101 Badge

Issued: April 2025

Earned the AWS Educate Introduction to Cloud 101 Badge, demonstrating foundational knowledge of cloud computing and AWS services.

AWS Educate Getting Started with Storage Badge

Issued: April 2025

Earned the AWS Educate Getting Started with Storage Badge, demonstrating knowledge of AWS storage services and their use in cloud solutions.

AWS Educate Machine Learning - DeepRacer Badge

Issued: April 2025

Earned the AWS Educate Machine Learning - DeepRacer Badge, demonstrating skills in reinforcement learning and training autonomous models using AWS DeepRacer.

AWS Educate Machine Learning Foundations Badge

Issued: April 2025

Earned the AWS Educate Machine Learning Foundations Badge, showcasing fundamental knowledge of machine learning concepts and AWS tools for building ML models.