PENUMARTHI B

AWS DevOps engineer, 5+ years experience
hyderabad, India
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DevOps/SRE Engineer with 4+ years of experience in automating infrastructure and streamlining deployment processes. Hands-on expertise in AWS cloud services, Kubernetes, Docker, and Terraform for scalable environment management. Proficient in building and optimizing CI/CD pipelines to ensure smooth, reliable, and high-quality releases. Experienced in implementing monitoring and alerting solutions using Prometheus, Grafana, and CloudWatch. Strong focus on system reliability, performance tuning, and incident response automation. Skilled in collaborating with development teams to enhance DevOps practices and reduce deployment bottlenecks. Passionate about improving operational efficiency and driving continuous delivery in fast-paced environments.

INDUSTRIES: IT services

TECHNICAL SKILLS

• DevOps	4 years & 3 months
• AWS	3 years
• Git	3 years
• Jenkins	2 years
• Terraform	2 years & 5 months
• Grafana	2 years & 5 months
• Prometheus	2 years & 5 months
• Gitlab	1 years

PROJECT DETAILS

• healthcare June-2021 - September-2023

Project Description: Worked on a cloud-native healthcare platform aimed at securely managing patient records, appointment scheduling, and telemedicine services. The project involved deploying microservices on AWS EKS, automating infrastructure with Terraform, and ensuring high availability and compliance with industry security standards such as HIPAA
Responsibilities: Implemented CI/CD pipelines for secure and consistent deployments across staging and production environments. Automated infrastructure provisioning using Terraform and managed containerized services on AWS EKS. Monitored application health using CloudWatch and Grafana, and ensured compliance with healthcare data security standards (e.g., HIPAA).
Technologies: aws and devops
Industry: IT services

• elsa December-2023 - March-2025

Project Description: Worked on the Elsa Speak platform, an AI-powered English speaking and pronunciation coaching app. Involved in setting up scalable infrastructure on AWS, managing CI/CD pipelines, containerizing microservices with Docker, and monitoring reliability using Prometheus and Grafana.
Responsibilities: Managed CI/CD pipelines using GitLab CI and Jenkins for smooth deployments. Automated infrastructure provisioning using Terraform and monitored system health with Prometheus and Grafana. Ensured high availability and scalability of services on AWS and Kubernetes
Technologies: aws and devops
Industry: IT services
Link: https://elsaspeak.com/en/

EMPLOYMENT HISTORY

• Site Reliability Engineer December-2023 - March-2025

Description: Design, implement, and manage scalable DevOps infrastructure and CI/CD pipelines. Collaborate with development and operations teams to ensure system reliability, performance, and security

• DevOps Engineer October-2019 - November-2023

techies infotech pvt ltd

Description: Design, implement, and manage scalable DevOps infrastructure and CI/CD pipelines. automate the infrastructure on aws using terraform

EDUCATION

• Bachelors degree in ECE from sasi institute of technology and engineering 2015 - 2018

LANGUAGES

• English - advanced

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