ANITHA GANESAN

DevOps Engineer | Cloud & CI/CD Specialist

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PROFESSIONAL SUMMARY

DevOps Engineer with **9+ years of experience** in software development and cloud-native DevOps practices. Strong expertise in **CI/CD automation, AWS infrastructure, Docker, Kubernetes (EKS), Terraform, and Linux administration**, with a solid background in **ASP.NET Core, Angular, and SQL Server**. Proven record of **reducing deployment time by 40–60%, improving release reliability, and automating infrastructure across multiple environments** to support scalable, high-availability production systems.

CORE SKILLS

DevOps & CI/CD: Jenkins, GitHub Actions, AWS CodePipeline, Ansible, Deployment Automation
Cloud Platforms: AWS (EC2, EKS, S3, Lambda), Azure
Containers & Orchestration: Docker, Kubernetes (EKS)
Infrastructure as Code: Terraform, Ansible
Backend Technologies: ASP.NET Core, RESTful APIs, Swagger
Frontend Technologies: Angular, React.js
Databases: SQL Server, Azure SQL
Tools & Practices: Git, Linux, Monitoring & Logging, Agile/Scrum, JIRA

PROFESSIONAL EXPERIENCE

Senior Software Engineer / DevOps Engineer

Tech Mahindra – BSMH | Chennai
Sep 2023 – Aug 2024 - Designed and automated **CI/CD pipelines using Jenkins and Ansible**, reducing manual deployment effort by **40%**, cutting release time from hours to minutes, and improving deployment success rate. - Implemented **Azure Active Directory (Azure AD) authentication** with role-based access control, supporting secure access for multiple user roles. - Developed and deployed **ASP.NET Core REST APIs**, integrating backend services with **React.js** frontend applications. - Managed **Azure SQL databases** and applied layered architecture principles to improve scalability, maintainability, and performance. - Collaborated with cross-functional teams in an **Agile environment**, supporting frequent, stable releases across development, QA, and production environments.

Sitecore Developer

Tech Mahindra – Kimberly-Clark Project | Chennai
Apr 2022 – Jul 2023 - Managed the complete **Sitecore CMS content lifecycle**, including components, templates, workflows, and publishing for enterprise websites. - Supported website launches and production updates with **100% quality compliance** and minimal downtime. - Resolved enhancement and support tickets using **JIRA**, coordinating with QA and business stakeholders.

Senior Software Engineer

L&T Construction | Chennai
Dec 2021 – Apr 2022 - Developed the **Material Schedule Tracker (MST)** application to track item lifecycles and material movement. - Integrated **SCM and EDMS systems**, improving material visibility and operational efficiency.

KEY PROJECTS

TrendApp – Terraform & AWS EKS

- Built an end-to-end **CI/CD pipeline** using Jenkins, GitHub, and Terraform, enabling automated build, test, and deployment workflows across AWS environments.
- Provisioned and managed **AWS EKS infrastructure** using Infrastructure as Code.
- Achieved a **60% reduction in deployment time** through Kubernetes rolling updates.

BrainApp – CI/CD on AWS EKS

- Implemented Docker-based CI/CD pipelines for a React application using Jenkins and AWS CodePipeline.
- Deployed applications on **AWS EKS** with zero-downtime deployment strategy.

EDUCATION & CERTIFICATIONS

B.E. – Electronics & Instrumentation Engineering, Anna University
DevOps Program – GUVI (HCL) | 2025
Angular 7 – Credo Systemz | 2019

LANGUAGES

English | Tamil