

SANMUGASUNTHARAM | DevOps Engineer

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SUMMARY

DevOps Engineer with **6+ years of overall IT experience** and **4+ years of expertise in AWS Cloud and DevOps**. Skilled in designing and implementing cloud strategies, building CI/CD pipelines, and managing containerized applications. Hands-on experience with **AWS, Terraform, Kubernetes, Jenkins, Docker, GitHub, and Ansible**. Passionate about security, automation, and driving operational efficiency through modern DevOps practices.

SKILLS

- **CI/CD Tools:** GitLab, Jenkins
 - **Infrastructure as Code:** Terraform, Ansible, CloudFormation
 - **Scripting:** Python, Bash
 - **Monitoring & Logging:** ELK, Grafana, Prometheus, CloudWatch
 - **Cloud Platforms:** AWS, Azure
 - **Containerization:** Docker, Kubernetes (EKS, GKE)
 - **Version Control & DevOps Tools:** Git, GitHub, GitLab, Maven, JFrog, Jira
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EXPERIENCE

Movate Technologies (Client: JFrog) | Chennai

DevOps Engineer – Security & JFrog Xray Team

Apr 2025 – Present

- Working on **JFrog Xray** for security scanning, vulnerability management, and license compliance.
 - Configured and managed Xray **policies, watches, and integrations** to enforce security standards.
 - Collaborated with security teams to **remediate vulnerabilities** in Docker images and dependencies.
 - Automated security scanning workflows and integrated Xray with CI/CD pipelines.
 - Monitored and troubleshoot Xray services to ensure **high availability** in production.
 - Implemented secure repository management and **access control policies** on the JFrog platform.
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Statusneo | India*Site Reliability Engineer**Mar 2024 – Sep 2024*

- Built a **3-tier architecture** in AWS using EC2, S3, EFS, IAM, ELB, Auto Scaling, VPC, Route 53, CloudFront, CloudWatch, RDS.
 - Managed **EKS cluster creation and ECR integration**.
 - Configured and managed **SSL certificates**.
 - Administered **GitLab repositories** for version control.
 - Worked with Agile teams using **JIRA** for issue tracking and change management.
 - Hands-on with **Linux (Red Hat)** and Windows administration.
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Merit Nano Digital Solution | Chennai*DevOps Engineer**Apr 2023 – Feb 2024*

- Designed and provisioned AWS infrastructure with **Terraform and CloudFormation**.
 - Built **CI/CD pipelines** with Jenkins, GitHub, CodeDeploy, and CodePipeline.
 - Created **S3 lifecycle policies** and configured **VPC peering & NAT gateways**.
 - Developed **Lambda + SNS** serverless messaging services.
 - Containerized applications with **Docker & Kubernetes**.
 - Implemented **SonarQube** for code quality checks.
 - Set up monitoring using **AppDynamics, CloudWatch**.
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Apexon | Chennai*DevOps Engineer**Nov 2022 – Mar 2023*

- Automated infrastructure provisioning using **IaC**.
 - Deployed and managed applications on **Kubernetes clusters (EKS, GKE)**.
 - Created and optimized **Kubernetes manifests** (Deployments, Services, ConfigMaps, Secrets).
 - Implemented **rolling updates, auto-scaling, and liveness/readiness probes**.
 - Managed GitHub workflows with branching strategies (Git Flow, GitHub Flow).
 - Integrated GitHub with **CI/CD pipelines** for seamless deployments and rollbacks.
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Merit Nano Digital Solution | Chennai*DevOps Engineer**May 2020 – Oct 2022*

- Built and optimized **CI/CD pipelines with Jenkins + GitHub**.
- Reduced deployment times by **40%** through automation and parallel builds.
- Deployed microservices using **Docker & Kubernetes**.
- Automated infrastructure with **Terraform**.
- Configured **Prometheus + Grafana** dashboards for proactive monitoring.

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System Engineer

Oct 2018 – Oct 2020

- Provided technical support and troubleshooting for users.
 - Managed OS updates, patches, and security checks.
 - Created user documentation and knowledge base for IT operations.
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EDUCATION

- **Diploma in Computer Technology** – Sudharsan Engineering College, Pudukkottai (2008 – 2011)
- **Higher Secondary** – Govt High School, Thirunalur (2008)