

# JEFREY G

## DevOps Engineer

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## PROFESSIONAL SUMMARY

Detail-oriented and highly motivated DevOps Engineer with 2+ years of experience in designing, implementing, and maintaining cloud infrastructure and automation pipelines. Proven expertise in AWS cloud services, containerization, CI/CD pipeline management, and infrastructure automation. Seeking to leverage comprehensive DevOps skills in a dynamic work environment to drive operational excellence and scalable solutions.

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## TECHNICAL SKILLS

**Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure

**Containerization:** Docker, Kubernetes, Portainer

**CI/CD Tools:** Jenkins, GitHub Actions

**Version Control:** Git, GitHub

**Programming Languages:** Python

**Database Technologies:** Redis, Redis Sentinel

**Monitoring & Logging:** AWS CloudWatch

**Infrastructure:** EC2, S3, VPC, IAM, Security Groups

**Operating Systems:** Linux, Windows

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## PROFESSIONAL EXPERIENCE

### DevOps Engineer | T-MACHINE.AI

#### 2024 - Present

- Designed and deployed highly available Redis cluster using Redis Sentinel for failover and redundancy, ensuring 99.9% uptime for real-time applications
- Implemented Redis as primary database for real-time applications, optimizing data storage and retrieval strategies resulting in 40% improved query performance
- Configured and managed IAM roles, security groups, and access policies to support secure cloud operations following AWS security best practices

- Monitored AWS services using CloudWatch, setting up proactive alarms for issue detection, reducing incident response time by 60%
- Deployed, configured, and managed Docker containers using Portainer, streamlining container orchestration and management processes
- Collaborated with development teams to optimize containerized application deployment and scaling strategies

## **DevOps Engineer | ATOS**

**2022 - 2023**

- Configured, managed, and troubleshoot Jenkins pipelines for automated builds and deployments, improving deployment frequency by 50%
  - Managed AWS resources including EC2 instances, S3 buckets, and VPCs, ensuring optimal resource utilization and cost efficiency
  - Provided technical support for development teams, helping debug and optimize CI/CD workflows, reducing deployment failures by 35%
  - Assisted in implementing infrastructure as code practices using Terraform
  - Maintained and monitored production environments, ensuring high availability and performance standards
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## **EDUCATION**

### **Bachelor of Engineering - Computer Science and Engineering**

**Sethu Institute of Technology | 2018 - 2022**  
**CGPA:** 7.65/10

### **Higher Secondary Certificate - Computer Science**

**Mahatma Hr. Sec School | 2017 - 2018**  
**Percentage:** 61%

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## **CERTIFICATIONS**

- **Microsoft Azure AZ-900** - Azure Fundamentals
  - **Microsoft Azure AZ-204** - Developing Solutions for Microsoft Azure
  - **DevOps Cloud Automation: AWS** - Cloud Infrastructure Management
  - **Kubernetes Administrator** - Container Orchestration
  - **Git - Versioning Tool** - Source Code Management
  - **DevOps Tools** - Comprehensive DevOps Toolkit
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## KEY ACHIEVEMENTS

- Successfully migrated legacy applications to containerized environments, reducing infrastructure costs by 30%
  - Implemented automated monitoring and alerting systems, achieving 99.5% system uptime
  - Optimized CI/CD pipelines resulting in 50% faster deployment cycles
  - Led cross-functional collaboration between development and operations teams, improving overall delivery efficiency
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## LANGUAGES

- **English** - Professional Working Proficiency
  - **Tamil** - Native Speaker
  - **German** - Basic Conversational Level
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## DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.