

Pradeepkumar R, AWS Devops Engineer

[Pradeepkumar R /Linkedin](#) | +91 7904135613 | pradeephramray@gmail.com | Chennai

PROFESSIONAL SUMMARY

Motivated and technically skilled AWS & DevOps Engineer transitioning from a non-IT background, with a budding interest in cloud technologies and automation. As a beginner in the cloud domain, I am passionate about expanding my skills and contributing to innovative, scalable solutions in AWS and DevOps environments. I am eager to leverage my technical foundation alongside my growing expertise in cloud computing to deliver impactful solutions and drive operational efficiency.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, S3, CloudFormation, IAM, RDS, VPC)
- **DevOps Tools:** Docker ,Jenkins, Ansible
- **Operating Systems:** Linux
- **Networking:** Load Balancers, DNS
- **Scripting:** Shell
- **CI/CD Pipelines:** Jenkins Pipelines, Poll SCM, GitHub Webhooks, CloudFormation
- **Monitoring & Logging:** Cloud Watch, Cloud Trail
- **Security & Compliance:** IAM roles & policies, Security Groups, NACL , NAT gateway
- **Version Control:** Git & Github

EXPERIENCE

1. AWS DevOps Engineer Trainee:

Freelance/Training Project

- Deployed and managed **Linux-based** environments on AWS, ensuring **high availability** and performance.
- Hosted **static website hosting** using S3 and optimized Cloud Front (**CDN**) for faster access.
- Configured and managed **Amazon RDS instances** with efficient database performance.
- Created **custom VPCs & EC2 templates using Cloud Formation**.
- Implemented **ELB and Auto Scaling** for load balancing and fault tolerance.
- Configured **Elastic IPs and Auto Scaling** to handle **dynamic workloads** and maintain system reliability.
- Set up **SNS for system event notifications** and automation triggers.
- Build and executed **Lambda functions** for serverless automation tasks.
- Enforced fine-grained network security **with NACLs and Security Groups**.

2.Buisness Process Executive, Compton Enterprises Private Limited (January 2024-March 2025)

- Analyzed & identified data patterns, provided business rules for cleansing data
- Developed management reports, ensuring data accuracy.
- Performed quality checking and documented business processes.

3. Senior Process Associate, Mobius Knowledge Services (February 2019–September 2020)

- Provided data analysis and supported backend operations.
- Ensured data integrity and streamlined documentation processes.

PROJECT

1.CI/CD Pipeline Implementation Using Jenkins & AWS CloudFormation:

- Designed and deployed a **CI/CD pipeline** using **Jenkins** on AWS.
- Automated **infrastructure set up with CloudFormation** templates to create **EC2 instances** (Master & Slave).
- Configured **Jenkins on the Master instance** and Integrated **GitHub Webhooks** for continuous integration and build triggering
- Deleted the **Slave instance post-deployment** and performed **drift detection analysis**.

2. AWS Cloud Cost Optimization - Identifying Stale Resources:

- Created a AWS Lambda function that identifies EBS snapshots that are no longer associated with any active EC2 instance and deletes them to save on storage costs.
- Reduce unnecessary AWS costs by identifying and eliminating underutilized or unused (stale) cloud resources across multiple AWS services.

EDUCATION

- **B.E [ELECTRONICS AND COMMUNICATION]** in SRM Valliammai Engineering College with 6.11 CGPA (2014-2018)

LANGUAGES

- English – Proficient.
- Tamil –Native.

DECLARATION

I hereby confirm that the information given above is true to the best of my knowledge and belief.

Yours Truly,
PRADEEPKUMAR