




Tamilselvan

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 [LinkedIn Profile](#)

Objective

Aspiring AWS and DevOps Engineer with a solid understanding of cloud computing and infrastructure automation. Skilled in AWS services, DevOps practices, and cloud solutions. Eager to apply technical expertise in building, automating, and managing scalable cloud environments while staying updated with the latest technologies.

Skills

- Operating Systems: Linux, Windows.
- Cloud Technologies: AWS (EC2, S3, RDS, Lambda, VPC, IAM, CloudFront, Route 53).
- Networking: VPC Design and Implementation, Subnetting, Routing.
- DevOps - Git, Docker, Jenkins, Kubernetes.
- Programming: Python, SQL, HTML, CSS, JavaScript.
- Monitoring & Logging: CloudWatch, CloudTrail, AWS Config (Centralized Logging and Monitoring).
- E-Learning Tools: Articulate Storyline 360, Rise 360, Adobe Captivate.

Work Experience

E-Learning Developer

LEARNNOVATORS PRIVATE LIMITED

Chennai, Tamil Nadu, India.

April 2022 – July 2024.

- Developed dynamic e-learning modules using Articulate Storyline 360, Rise 360, and Adobe Captivate, incorporating JavaScript to achieve custom functionalities beyond standard tool capabilities.
- Proactively assumed additional responsibilities to enhance team operations and fostered a collaborative and efficient work environment.
- Collaborated with cross-functional teams to deliver high-quality and engaging e-learning content tailored to client requirements.

Project

Deploy Application on EC2 Instance using Jenkins

- Configured Jenkins pipeline to automate the deployment process on EC2 instances.
- Utilized SSH plugins in Jenkins for secure communication with the EC2 instances.
- Automated application build and deployment using shell scripts integrated into Jenkins jobs.
- Ensured code deployment consistency and minimized downtime with a blue-green deployment strategy.
- Implemented environment variables for dynamic configuration during deployment.
- Monitored and logged Jenkins jobs to ensure successful builds and deployments.

AWS Application Load Balancer with Auto Scaling Group

- Configured and deployed an Application Load Balancer (ALB) to manage traffic distribution across multiple EC2 instances.
- Implemented Auto Scaling Groups (ASG) for dynamic scalability based on demand or predefined thresholds.
- Achieved high availability by strategically placing EC2 instances in multiple availability zones.
- Configured health checks in ALB to ensure only healthy instances receive traffic.
- Utilized scaling policies in ASG for both horizontal scaling and cost optimization.
- Enhanced application reliability and performance by enabling sticky sessions and SSL termination on ALB.

Certificates

- **Office Automation – Institute for Entrepreneurship and Career Development (IECD)**
Gained proficiency in office productivity tools including MS Word, Excel, PowerPoint, and file management techniques.
- **AWS DevOps Certification – FITA Academy**
Comprehensive training on AWS services and DevOps practices, including CI/CD pipelines, cloud architecture, containerization, and infrastructure automation.

Education

B.C.A(Computer Application), Shanmuga Industries Arts and Science College.
80%

2018-2021
Tiruvannamalai