

KURALARASAN S

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PROFESSIONAL SUMMARY

Entry-level technology professional with hands-on experience across cloud infrastructure and application systems. AWS Certified Cloud Practitioner with exposure to Linux, containers, and deployment workflows.

SKILLS

Programming Languages: Python, SQL (MySQL)

Cloud & DevOps: AWS (EC2, S3, IAM, VPC, RDS, Route 53, Amplify), Docker

Networking: TCP/IP, Subnetting, DNS

Version Control & Tools: Git, GitHub, SSH, WinSCP, PuTTY

Operating Systems: Linux (Ubuntu, Amazon Linux), Windows

TRAINING EXPERIENCE

AWS re/Start - TNSDC & Cultus Education

Aug - Nov 2025

- Completed structured training focused on AWS cloud fundamentals and services through regular hands-on lab sessions.
- Learned Linux and basic shell scripting while deploying, accessing, and managing EC2 instances.
- Practiced Python and SQL fundamentals through curriculum-based exercises supporting basic scripting and queries.

CERTIFICATIONS

- AWS Certified Cloud Practitioner - (CLF-C02).
- SQL Mastery with MySQL - LearnZ Development Hub
- AWS re/Start Graduate - TNSDC & Cultus Education

PROJECTS

Cloud-Secured News Aggregation Platform

- Designed and developed a server-side rendered news aggregation application using Node.js and Express to display real-time, category-based news content.
- Integrated a third-party News API and implemented secure handling of API credentials using AWS Key Management Service (KMS).
- Deployed the application on AWS EC2 and configured DNS routing using Amazon Route 53 to enable external access.

Cloud-Based E-Learning Platform (3-Tier Architecture)

- Designed and implemented a 3-tier web application architecture by clearly separating the presentation layer, application logic, and database layer for better structure and scalability.
- Deployed the application layer on AWS EC2 (Linux) to handle backend processing and manage communication between the frontend and the database.
- Configured Amazon RDS (MySQL) as the data layer, with controlled network access so that only the application server could connect to the database.

EDUCATION

B.E. Agricultural Engineering

2021 - 2025

SRM Valliammai Engineering College

CGPA: 7.16