MYNTHANKUMAR A

4/60 Nadar Street, Vadugam, Rasipuram, Namakkal 637407 - 6369378485

mynthan.ayyappan@gmail.com · www.linkedin.com/in/mynthankumar-a-0a7b6221b/

To leverage my education and enthusiasm for continuous learning in a dynamic organization, aiming to contribute effectively to team success and company growth. Inspired by Albert Einstein's words, **'Strive not to be a success, but rather to be of value**,' I am dedicated to bringing fresh perspectives, innovative solutions, and a strong work ethic to your esteemed company.

EDUCATION

APRIL 2023

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AND ENGINEERING

- K.S. Rangasamy College of Technology, Tiruchengode-637 215.
- GPA: 7.86/10

APRIL 2020

DIPLOMA IN COMPUTER SCIENCE AND ENGINEERING

- Muthayammal Polytechnic College, Rasipuram-637408
- Percentage : 94%

EDUCATION & CERTIFICATIONS:

AWS-DevOps Integrated Course (Ongoing)

- **Apponix Academy**
    1. Gaining in-depth knowledge and practical experience in AWS cloud services and DevOps practices to streamline development and operations processes.

TECHNICAL SKILLS

NETWORKING:

- TCP/IP Model.
- IP Addressing.

OPERATING SYSTEMS:

- **Windows:** Proficient in Windows OS.
- **Linux**: Advanced knowledge, particularly in:
- **Red Hat Enterprise Linux 7.5**
- **Ubuntu**

DATABASES:

- **SQL:** Competent in using SQL for database management and queries.

Cloud Computing:

- **AWS:** Familiar with concepts and services including:
1) EC2 (Elastic Compute Cloud)
2) IAM (Identity and Access Management)
3) S3 (Simple Storage Service)

CORE EXPERTISE:

Linux Administration:

- **User and Permission Management:** Skilled in managing user accounts, groups, and permissions to ensure secure and efficient system access.
- **File System Hierarchy:** Strong grasp of the Linux file system structure and management practices.
- **Security Policies:** Expertise in configuring password aging policies and implementing SELinux for enhanced system security.
- **Shell Scripting:** Ability to automate tasks and manage system operations using shell scripts.
- **Process Management:** Proficient in using commands like top, ps, and kill to monitor and manage system processes.
- **File Permissions Management:** Experienced in using `chmod`, `chown`, and `chgrp` to change file and directory permissions for users, groups, and others.
- **Passwordless Authentication:** Proficient in implementing passwordless authentication on Linux EC2 instances, enhancing security and convenience for remote access.

AWS Cloud Services:

- **EC2 Management:** Capable of provisioning and managing virtual servers using EC2, including configuring instances, monitoring performance, and ensuring high availability.
- **Identity and Access Management (IAM):** Experienced in setting up and managing IAM roles, users, and policies to secure AWS resources.
- **S3 and Storage Solutions:** Proficient in using S3 for object storage, configuring EBS volumes, and managing snapshots and AMIs for backup and recovery.
- **Monitoring and Notifications:** Knowledgeable in using CloudWatch for monitoring AWS resources and SNS for setting up notifications and alerts.
- **SSO Authentication:** Skilled in implementing Single Sign-On (SSO) for secure and streamlined user access.
- **Content Delivery Network (CDN):** Experienced with AWS CloudFront for distributing content globally with low latency.
- **Route 53:** Proficient in managing DNS and routing traffic using AWS Route 53.
- **AWS Lambda:** Knowledgeable in creating and managing serverless functions with AWS Lambda.
- **Auto Scaling and Load Balancing:** Capable of setting up Auto Scaling groups and configuring load balancers to ensure application scalability and availability.

Networking:

- **TCP/IP Model**: In-depth understanding of the principles and application of the TCP/IP model in network communication.
- **IP Addressing Techniques**: Proficient in creating and managing subnets and supernets, utilizing VLSM and CIDR for efficient IP address allocation and network design.

Database Management:

- **SQL Proficiency:** Competent in writing and optimizing SQL queries for data retrieval, manipulation, and management across various database systems.

LANGUAGES KNOWN:

- **Tamil:** Native/Fluent
- **English:** Fluent

ACTIVITIES & INTERESTS

- **Cooking:** Experimenting with different cuisines and cooking techniques as a creative and relaxing activity
- **Hiking and Outdoor Activities:** Enjoy spending time outdoors, hiking, and exploring nature to unwind and stay physically active.
- **Photography:** Enthusiastic about photography, particularly landscape and urban photography, combining technical skills with artistic expression.
- **Traveling:** Passionate about traveling to new places, experiencing different cultures, and broadening personal horizons.