

SANDEEP DEV T

Linux | AWS | DevOps | Networking

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PROFILE

Linux and Cloud Engineer with hands-on experience in AWS, networking, and CI/CD automation. Strong foundation in Linux administration and enterprise network infrastructure, seeking entry-level opportunities in Cloud, Networking, or DevOps

SKILLS

- **Linux:** Shell Scripting, User & Group Management, SSH Hardening, File Permissions, FirewallD, Process Monitoring, Systemctl
- **AWS:** EC2, S3, IAM, VPC, Security Groups, CloudFront, Redshift
- **DevOps:** Jenkins, Git, GitHub, Docker, CI/CD Pipelines, YAML
- **Networking:** VLAN, Inter-VLAN Routing, NAT, RIP, TCP/IP, DNS, DHCP, Subnetting
- **Tools:** Linux CLI, Cisco Packet Tracer, Git Bash

PROFESSIONAL EXPERIENCE

Data Annotation Specialist | 2+ Years

- Managed large-scale structured data projects ensuring high accuracy and quality compliance
- Improved workflow efficiency through structured documentation and process optimization
- Collaborated with cross-functional teams in deadline-driven environments supporting AI/ML pipelines

PROJECTS

Secure Linux Server Deployment on AWS EC2

- Launched and configured an AWS EC2 Linux instance with secure key-based SSH authentication
- Implemented SSH hardening, Linux permission controls, and FirewallD firewall rules
- Performed basic server monitoring and troubleshooting to ensure secure operation

CI/CD Pipeline for Static Website Deployment

- Designed and implemented automated Jenkins CI/CD pipeline integrated with GitHub repository
- Configured Jenkins to pull source code from GitHub and execute build stages
- Automated static website deployment to AWS S3, reducing manual deployment effort by 70%

Enterprise Hospital Network Infrastructure (CCNA Project)

- Designed and simulated enterprise hospital network using Cisco Packet Tracer with ISP, Edge Router, Core and Distribution switches
- Implemented VLAN segmentation (VLAN 10, 20, 40, 50) with inter-VLAN routing and subnetting for floor-based isolation
- Configured NAT Overload (PAT) for internet access and implemented Port Security for device-level protection
- Deployed DHCP, DNS, and Web servers within Data Center network segment

CERTIFICATIONS

CCNA (Training) | RHCE (Training) | CompTIA A+ (Training) | CompTIA Network+ (Training) | AWS & DevOps (Training)

EDUCATION

Master of Computer Applications (MCA) 2021 – 2023

SNS College of Technology

Bachelor of Science in Computer Science (B.Sc. CS) 2017 – 2020

Bishop Appasamy College of Arts and Science

LANGUAGES

English | Tamil