

NANDU SIVADAS

Aspiring Cloud & DevOps Engineer

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PROFESSIONAL SUMMARY

Fresher with hands-on Cloud/DevOps exposure gained through a current internship and self-driven AWS and Ansible projects. Comfortable configuring core AWS services, automating Linux server deployments, and troubleshooting infrastructure issues. Actively pursuing RHCSA, RHCE, and AWS Certified Solutions Architect - Associate certifications. Seeking an entry-level Cloud/DevOps role to apply and grow these skills in a production environment.

SKILLS

- **Cloud Platforms:** AWS (EC2, S3, RDS, IAM, VPC, Lambda, Route 53, EventBridge, Auto Scaling)
- **DevOps Tools:** Git, GitHub, Docker, Jenkins, Terraform, Ansible, CI/CD Pipelines
- **Programming & Scripting:** Python, Bash, Shell Scripting
- **Databases:** MySQL, MariaDB
- **Operating Systems:** Red Hat Enterprise Linux (RHEL), Ubuntu, Astra Linux, Windows
- **Networking & Web Servers:** Apache HTTP Server, Nginx, DNS, SSH, Firewalls, SSL

PROJECTS

Automated WordPress Infrastructure Deployment using Ansible

Tech Stack: AWS, EC2, Linux, Ansible, Nginx, PHP, MariaDB, WordPress, Git

- Automated end-to-end deployment of a LEMP-based WordPress application on AWS EC2 using reusable Ansible Playbooks and Roles.
- Configured Nginx, PHP-FPM, MariaDB, SSL, and SFTP to deliver a secure, production-style web hosting environment.
- Replaced a multi-step manual server setup with a single automated playbook run, cutting repeat-deployment time from hours to minutes.

AWS Infrastructure Automation using Ansible

Tech Stack: AWS EC2, Amazon Linux, Ansible, Docker, Git, Apache, SSH

- Built a 3-node AWS infrastructure (1 control node, 2 managed nodes) using SSH key-based authentication.
- Automated Apache installation and configuration across all managed nodes using Ansible Playbooks and Roles.
- Recreated the entire environment in a second AWS Region from version-controlled configuration, validating the setup's portability and repeatability.

Astra Linux System Recovery & Troubleshooting

Tech Stack: Astra Linux, GRUB2, Linux Boot Process, VMware

- Diagnosed and recovered a non-bootable Astra Linux system caused by GRUB corruption.
- Restored the Linux boot process using GRUB shell and initramfs recovery techniques.
- Rebuilt and validated the GRUB configuration to restore normal system startup with zero data loss.

EXPERIENCE

Cloud & DevOps Intern

Jan 2026 – Present

- Configured AWS services including EC2, VPC, IAM, Route 53, ALB, Auto Scaling, and RDS as part of cloud infrastructure deployment tasks.
- Deployed secure LEMP web applications using Nginx, Security Groups, NAT Gateway, and Amazon SNS.
- Automated EC2 start/stop scheduling using AWS Lambda, Amazon EventBridge, and Bash scripts to reduce unnecessary instance runtime.
- Used Git and GitHub for version control while gaining practical exposure to Docker and Jenkins CI/CD workflows.

Studio Administrator & Multimedia Designer

2020 – 2025

- Managed daily studio operations and cross-team workflow, delivering client projects on schedule.

CERTIFICATIONS

- RHCSA & RHCE — In Progress (Target: July 2026)
- AWS Certified Solutions Architect – Associate — In Progress

EDUCATION

Bachelor of Science, Mathematics with Computer Science

MG University, Kerala | CGPA: 6.0 / 10

CORE COMPETENCIES

AWS Cloud • DevOps • Linux Administration • CI/CD • Infrastructure Automation • Infrastructure as Code • Network Security • System Troubleshooting