

Sanjaykumar P

Cloud Engineer

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Executive Summary

I have completed my B.Sc. in Computer Science and chosen to begin my career in Cloud Computing, Linux Administration, and Network Engineering. I am actively building my skills in AWS, Python, and CCNA while gaining hands-on experience with Linux servers and automation tools. My goal is to grow as a cloud-focused professional, combining technical expertise with problem-solving to deliver impactful solutions..

Technical Skills

- **Linux Administration:** User Group Management, File Permissions, Apache/Nginx, ACLs, SSH/SCP, LVM, Bash Scripting
- **Windows Administration:** Installation, Active Directory, Office 365, Remote Support, Troubleshooting
- **Networking (CCNA):** IP Addressing, Subnetting, Routing Switching, VLANs, Inter-VLAN, EtherChannel, ACLs, OSI/TCP-IP Models, VPN, Network Devices
- **Cloud Computing:** AWS (IAM, EC2, S3, VPC, Security Groups, Virtualization)
- **Tools Protocols:** RHEL, Git/GitHub, DNS, DHCP, HTTP/HTTPS, FTP, TCP/UDP

Experience

Cloud Computing Master Training, Besant Technologies May 2025 – Present

- Completed **Linux Administration** training with practical labs, covering user and group management, file permissions, shell scripting, server management, and networking services.
- Successfully completed **CCNA (Cisco Certified Network Associate)** training, with strong knowledge in routing, switching, VLANs, inter-VLAN routing, EtherChannel, ACLs, and network troubleshooting.
- Currently advancing skills in **AWS Cloud** (IAM, EC2, S3, VPC, Security Groups) and **Python** for automation and cloud-based solutions.

Education

Kongu Arts and Science College – Erode, B.Sc. in Computer Science June 2022 – May 2025

- GPA: 8.11/ 10.0 (View Academic Info)
- Coursework: Operating Systems, Networking Fundamentals, Digital Electronics, Software Engineering Life Cycle, C & C++ , Java Basics.

Projects

Linux System Health Monitoring Script GitHub Link

- A simple yet powerful Bash script that runs scheduled system checks and automatically emails performance reports to specified users.
- Built a shell script to monitor system performance including CPU, memory, disk usage, and uptime statistics.
- Used cron to automate periodic health checks and generate logs for proactive maintenance.
- Tools Used: Bash, Linux CLI, Crontab, Git

Booknow-Apache-host.com GitHub Link

- A basic web page to simplify appointment booking, avoiding long queues and fast form filling. Hosted on Apache in a Linux setup, with AI-generated code and custom httpd configuration.

- Tools Used: Linux, Apache Server, Git, Github, Server Configuration

Backup Script

GitHub Link

- Designed a bash-based automation script to create periodic system backups using 'cron' jobs, minimizing data loss risks.
- Implemented logging and conditional logic for user interaction, ensuring critical file/folder safety before deletion.
- Tools Used: Bash, Cron, Shell Scripting, Linux Terminal, Git, GitHub.

PortfolioBuilder-Nginx.com

GitHub Link

- Portfolio Builder Website: Developed and hosted a portfolio on Nginx (Linux) with custom configs, HTTPS redirection, and frontend built using HTML, CSS, and JavaScript.

Secure-IAM Access Management

GitHub Link

- AWS IAM Access Management Project: Designed and implemented secure user access with role-based policies, MFA, and compliance monitoring.

Hosting On AWS EC2 With Apache Web Server

GitHub Link

- AWS EC2 Portfolio Hosting: Deployed a personal portfolio on Amazon EC2 (Amazon Linux 2) using Apache, configured security groups, and hosted files for public access.

High Availability Web Application with AWS Elastic Load Balancer(BookNow Project)

GitHub Link

- This project demonstrates deploying the BookNow web app on AWS EC2 instances with an Elastic Load Balancer to ensure high availability, scalability, and fault tolerance. Traffic is distributed across servers with different backgrounds (blue black), showcasing load balancing, web hosting, and cloud deployment skills..

Certifications

- **RHEL Training** – Besant Technologies, 2025
- **CCNA (Cisco Certified Network Associate) Training** – Besant Technologies, 2025
- **Prompt Engineering: Must-Have GenAI Skill for Developers** – Coding Ninjas
- **System and Network Administration**
- **Android App Development Using Eclipse**
- **Vedic Mathematics** – Certification
- **National Service Scheme (NSS)** – Volunteer Special Camp
- **Excel Intermediate** – Great Learning
- **Face Detection with OpenCV** – Great Learning
- **Cloud Foundations Using AWS** – Great Learning
- **Artificial Intelligence with Python** – Great Learning

Languages Known

- English – Professional working proficiency
- Tamil – Native proficiency