




GANGAPURAM BHARGAV | Cloud Network Engineer

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PROFESSIONAL SUMMARY

Cloud Network Engineer with hands-on experience in cloud infrastructure management, networking, and DevOps automation. Proficient in AWS, GCP, Docker containerization, Kubernetes orchestration, CI/CD pipelines with Jenkins, and VPS server administration. Strong background in network design, routing, switching, firewalls, and infrastructure-as-code (IaC). Skilled in implementing SonarQube for code quality, automating deployments, and managing hybrid cloud environments for optimal performance and security.

CORE SKILLS & TOOLS

Cloud Platforms: Google Cloud Platform (GCP), Amazon Web Services (AWS)

DevOps & Automation: Docker Deployment, Kubernetes, CI/CD (Jenkins), SonarQube, Ansible, Virtualization, VPS Server Management

Networking: OSPF, Subnetting, VTP, NAT, DHCP, Routing & Switching, Firewall Configuration (SonicWALL, EDR)

System Administration: Windows Server (Active Directory, Group Policy), Linux Server Administration, NAS

Programming: Python, C++

Security: Penetration Testing, IPsec VPN, Firewall Migration & Setup

Other Tools: Git, GitHub, Cloud Computing, VMware, Monitoring

PROFESSIONAL EXPERIENCE

Cloud Network Engineer - Dotin Solutions & IntegerITSolutions – Remote | Hyderabad & Carbondale Illinois

09/2023 – 08/2025

Clients : PGL | Castan & Lecca Boschean | AT&T | Clearwave | Zoom

Managed complete Cloud IT infrastructure including AWS & GCP environments.

Performed Docker-based application deployments on VPS servers to host scalable containerized workloads.

Configured and monitored Kubernetes clusters for cloud-native workloads.

Built CI/CD pipelines in Jenkins integrating Docker, Kubernetes, and SonarQube for automated deployments and code quality

checks.

Administered network security with SonicWALL Firewalls, NAT rules, and DHCP configurations.

Configured OSPF routing, VTP, VLANs for network optimization.

Implemented Virtualization solutions and managed Windows Server AD & Group Policy.

Connected 5 geographically distributed locations via IPsec VPN tunnels using SonicWALL appliances with AES-256

encryption and IKEv2 for secure inter-site communication.

Established hybrid connectivity between a GCP-hosted Compute Engine instance and the primary on-premises data center at

Location 1 using static routes, firewall ACLs, and NAT traversal.

Implemented SNMP server-based monitoring with threshold alerts and automated failover scripts, ensuring zero downtime for

critical customer-facing services.

Technical Lead | CodeChef MREC Chapter – Hyderabad | 08/2022 – 08/2025

Led a technical team, assigned tasks, managed risks, and ensured project delivery.

Guided members on coding practices, cloud concepts, and DevOps pipelines.

PROJECTS

FindMyClient Patent (02/2025 – Present)

Invented and patented FindMyClient, a client tracking and engagement platform integrating real-time location intelligence, secure communications, and cloud-based analytics.

DDNS Project (05/2025 – Present)

Implemented a Dynamic DNS (DDNS) solution to maintain continuous access to services hosted on dynamic dns

Deployment of a Food Ordering Application (07/2024 – Present)

Deployed a food ordering application using Docker and Kubernetes on a VPS with Ubuntu Linux.

Configured Kubernetes to manage containerized services, ensuring high availability and scalability.

Docker Deployment with Kubernetes (04/2024 – 07/2024)

Deployed microservices applications using Docker and Kubernetes on AWS EKS.

Integrated SonarQube with Jenkins pipeline for code quality checks before deployment.

Firewall Migration & Setup (01/2024 – 03/2024)

Migrated configurations from old SonicWALL Firewall to new SonicWALL.

Established IPsec Tunnels between firewalls at multiple locations and Google Cloud VMs.

Application Deployment with Group Policy (06/2024 – 06/2024)

Automated MSI and MST deployments using Group Policy on Windows Server.

Deployed SentinelOne application across the network via GPO and NAS.

Personal Portfolio Website (06/2021 – 07/2021)

Built and hosted a personal portfolio with links to resume, achievements, and projects.

Complex Password Generator (04/2021 – 04/2021)

Developed a password generator in C++ that creates strong, random passwords.

CERTIFICATIONS

CyberSecurity Essentials - Cisco Networking Academy - 2021

MTA - Python - 2021

EDUCATION

B.Tech – Computer Science & Engineering | Malla Reddy Engineering College – Hyderabad

08/2019 – 08/2023