# OVERVIEW

**Abhishek Reddy AN**

Network Security Engineer| Cloud Ops

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| [AbhishekReddyan](https://github.com/AbhishekReddyan)

# Network Security Engineer with 2+ years of experience in global cloud operations, supporting customers across EMEA, APAC, Middle East, and US regions.

# Skilled Dell switches with expertise in firewall upgrades, BGP and NAT. Experienced in Configuring EC2, firewalls, routers, and switches across AWS and data

# centers. Currently transitioning into AWS cloud security to combine strong network expertise with cloud-native solutions.

# SKILLS

**Routing & Switching:** BGP, OSPF, EIGRP, VLANs, NAT, ACLs, TCP/IP, DNS, DHCP, ARP, LAN/WAN Design & Troubleshooting

**Cloud:** AWS (EC2, S3, IAM, VPC, CFT, LB, Lambda, RDS, EKS, ECS), Azure (IAM, AD, VM, Vnet, Azure storage services)

**Version control :** Git, GitHub

**Monitoring tools: Grafana, Prometheus**

**IAC: Terraform**

**Containerization :** Docker, Docker Compose, Docker Swarm, Kubernetes

**Programming Languages:** Python

**Soft Skills:** Teamwork, Leadership, Time Management, Adaptability, Problem Solving, Communication

**Development Tools:** Visual Studio Code

# EXPERIENCE

## Network Security Engineer Jan, 2025 - Present

Betsol India Pvt Ltd

* Configured EC2, firewalls, routers across AWS and data centers.
* Design and implement **VPC architectures** (subnets, route tables, NAT gateways, VPC peering).
* Implemented a CI/CD pipeline using GitHub Actions to build, test, and deploy a microservices application on Kubernetes (EKS), reducing deployment time by 60%.
* Automated cloud infrastructure provisioning and configuration using Terraform + Ansible, reducing manual setup efforts by 80%.
* Implement **hybrid connectivity** using AWS Direct Connect, VPN tunnels, and Transit Gateway.
* Deployed Gitea, RANCID, and monitoring stacks (Prometheus, Grafana).
* Led network migrations and documented failover procedures to ensure uptime and reducing downtime by 20%.
* Resolved P1/P2 priority incidents across regions, cutting incident resolution time by 15% through proactive monitoring.

## Associate Network Engineer

## Betsol Software India Ltd Jun, 2023 - Jan, 2025

* Manage the day-to-day operations of the data center, ensuring the reliability and availability of critical infrastructure.
* Provide technical support for network-related issues, including troubleshooting TCP/IP, DNS, and NAT problems.
* Collaborate with cross-functional teams to address networking and system administration challenges.
* Assist in maintaining and optimizing network performance, ensuring uptime and minimizing disruptions.
* Develop documentation and offer recommendations for network infrastructure improvements.

# EDUCATION

## Bachelor of Engineering - Computer Science and Engineering (2019 - 2023)

## SJB Institute of Technology, Bengaluru

## 8.53 CGPA

## Pre-university - Science (2017 - 2019)

VBR PU College, Bengaluru

84.66%

# CERTIFICATIONS

* Microsoft Certified: Azure Fundamentals: <https://learn.microsoft.com/api/credentials/share/en-us/AbhishekReddyAN-9123/E29BAECBE97EE607?sharingId=1C0C6FE6BC558D8>
* (In Progress) AWS Certified Solutions Architect – Associate

# ACHIEVEMENTS

* Awarded Spot Award for driving a key project that enhanced network uptime by 30% (Q1 2025).
* Received Team Excellence Award for optimizing multi-region operations (Q2 2024).

I, Abhishek Reddy A N hereby certify that the above information is true and correct to the best of my knowledge and belief.

**Abhishek Reddy A N**