Rohan D R

Bengaluru, India
Email: official.rohandr@proton.me
LinkedIn: linkedin.com/in/rohan-d-r-50bb391b8
GitHub: github.com/100dollarguy
Fiverr: fiverr.com/rohandr

Career Objective

Final-year MCA student passionate about DevOps, cloud infrastructure, automation, and secure networking. I have created and hosted production-ready systems—including private media servers, cloud storage platforms, network segmentation labs, and VPN-enabled setups—for personal learning and experimentation.

These projects have given me practical experience with Docker, CI/CD pipelines, Linux administration, networking, monitoring tools like Prometheus and Grafana, and basic blockchain development.

I am eager to apply this hands-on experience in backend, DevOps, or cloud-focused roles, delivering scalable, secure, and efficient solutions while continuously growing my technical expertise.

Technical Skills

- Programming & Scripting: Python

- Containerization & Virtualization: Docker, Linux, Virtual Machines

- CI/CD: GitHub Actions, automation pipelines

- Networking & VPNs: Tailscale, Linux networking, subnetting

- Database Management: SQL, MariaDB, Redis

- Cloud & Security: AWS basics, Firewall configuration

- Blockchain & Smart Contracts: Solidity (Basic), Hardhat

Education

Master of Computer Applications (MCA) – Final Year
Amity Online University | Expected Graduation: August 2026

Bachelor of Computer Applications (BCA)
SJES College of Management Studies, Bengaluru North University
Oct 2021 – Oct 2024 | CGPA: 8.9/10

Internship

Hands-on internship on Python programming and scripting projects.

Certificate: [View Certificate](#)

Certifications

- Blockchain Solidity – [Certificate](#)
- Docker – [Certificate](#)
- Git & GitHub – [Certificate](#)
- HTML – [Certificate](#)

Projects

1. Self-Hosted Media Server (Jellyfin + Tailscale)

- Built a private media server using Docker and Tailscale VPN for secure remote access.
- Skills learned: Docker networking, VPN integration, media server configuration
- [GitHub Code](#)

2. Private DNS Ad-Blocking & Remote Access

- Dockerized Pi-hole + Unbound DNS with Tailscale VPN for network-wide ad-blocking.
- Skills learned: Networking, Docker networking, VPN setup, DNS configuration
- [GitHub Code](#)

3. Nextcloud Cloud Storage & Monitoring

- Private cloud with Nextcloud + MariaDB + Redis, secured with Caddy, monitored using Prometheus & Grafana.
- Skills learned: Nextcloud deployment, monitoring stack, database optimization
- [GitHub Code](#)

4. Home Network Design with CGNAT Avoidance

- Multi-subnet Wi-Fi network with TP-Link routers and Tailscale VPN to bypass ISP CGNAT restrictions.
- Skills learned: Network design, subnetting, VPN integration
- [GitHub Code](#)

5. Network Segmentation Lab

- Created a lab environment using Linux namespaces, bridges, and iptables firewall policies.
- Skills learned: Firewall policies, network isolation, Linux networking

- GitHub Code

6. Early Blockchain Project

- Built Solidity smart contracts for basic social media features and time-locked contracts using Hardhat.

- Skills learned: Blockchain fundamentals, smart contract structure, testing