

## ROHAN D R

Location: Bengaluru, India

Email: [official.rohandr@proton.me](mailto:official.rohandr@proton.me)

Mobile: +91 8431686727

WhatsApp: <https://wa.me/918431686727>

LinkedIn: [View LinkedIn Profile](#)

GitHub: [View GitHub Profile](#)

## Career Objective

Motivated BCA graduate and current final-year MCA student seeking an entry-level position in a reputed organization, where academic knowledge gained at SJES College (BCA) and Amity Online University (MCA) can be utilized and further developed. Eager to contribute to organizational growth, build a strong professional foundation, and learn from a dynamic work environment.

## Skills Summary

- **DevOps & Tools:** Docker, Kubernetes (basic), Docker Compose, Git, GitHub Actions (CI/CD pipelines)
- **Programming & Scripting:** Python, Bash, SQL, Basic Solidity
- **Networking:** Subnetting, VLANs, CGNAT avoidance, Linux namespaces, iptables firewall rules
- **Blockchain & Web3:** Basic familiarity with blockchain development and decentralized infrastructure concepts
- **VPN & Security:** Tailscale (WireGuard VPN), Pi-hole, Unbound DNS
- **Monitoring & Alerting:** Prometheus, Grafana
- **Platforms & Virtualization:** Linux server administration, macOS virtualization (UTM), Colima for Docker
- **Soft Skills:** Problem-solving, adaptability, teamwork, quick learner, effective communication

## 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 2018 – Oct 2021 | CGPA: 8.9/10

# Certifications

- **Blockchain Solidity Certificate** — Mindluster, Issued 2023  
[View Certificate](#)
- **Docker Certificate** — Mindluster, Issued 2023  
[View Certificate](#)
- **Git & GitHub Certificate** — Mindluster, Issued 2023  
[View Certificate](#)
- **HTML Certificate** — Mindluster, Issued 2023  
[View Certificate](#)

# Internship

## Python Development Intern

Sai Ket Systems

- Gained experience in Python development, debugging, and scripting in a practical work environment.
- [Internship Certificate](#)

# Projects

## Home Network Design with CGNAT Avoidance

- Built a multi-subnet home Wi-Fi network overcoming ISP CGNAT limits without static IP or bridge mode, isolating traffic and improving coverage using TP-Link devices.

## Self-Hosted Media Server (Jellyfin + Tailscale)

- Developed a private media streaming server accessible remotely via encrypted Tailscale VPN, enabling easy media management and secure streaming.

## Private DNS Ad-Blocking & Remote Access Setup (Pi-hole + Unbound + Tailscale)

- Containerized Pi-hole and Unbound DNS resolvers secured through Tailscale VPN to provide encrypted DNS filtering and remote access behind CGNAT.

## Nextcloud Cloud Storage & Monitoring Stack

- Configured containerized Nextcloud with MariaDB and Redis, secured through Caddy HTTPS proxy, monitored via Prometheus and Grafana dashboards.

## Network Segmentation Lab on Linux Server

- Simulated enterprise network zones using Linux namespaces, bridges, and iptables firewall rules, enforcing secure segmentation and traffic policies.

## Early Blockchain Learning Project: Decentralized Social Media App

- Created Solidity smart contracts for basic social media features and time-locked contracts with Hardhat, enhancing familiarity with blockchain and decentralized applications.

## **Languages**

- English (Fluent)
- Kannada (Native)
- Hindi (Fluent)
- Telugu (Conversational)

## **Additional Information**

- Active GitHub profile with recent, documented projects: <https://github.com/100dollarguy>
- Strong willingness to learn, adapt, and grow in DevOps within a globally distributed organization focused on the future of AI and Web3.