VARDAN PANDYA

SOFTWARE DEVELOPER & NETWORK ENGINEER

CONTACT

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New Delhi, India

SKILLS

- OOP
- Networking
- Linux
- Git
- Docker
- Cyber-Security
- SQL
- Critical Thinking
- Teamwork

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Gujarati (Basic Understanding)

INTERNSHIPS

- Intern, DRDO
- Intern, TrustLab, IIT Bombay

PROFESSIONAL SUMMARY

C++ developer focused on systems programming and backend development, with hands-on experience in socket-level networking. Built small networking applications using TCP sockets and explored low-level network communication in Linux systems.

PROGRAMMING LANGUAGES

C++, C, Java, Python

TECHNICAL SKILLS

Software Development:
Object-Oriented Programming
Basic Data Structures
Networking:
TCP, UDP, Sockets, HTTP, HTTPS, SOCKS5
Systems:
Linux, Git

PROJECTS

SOCKS5 Proxy

- Implemented and tested client-server socket communication.
- Developed TCP forwarding logic.
- Tested functionality using curl and simple client programs.

Basic BGP Setup (DN42)

- Configured BGP peering in a simulated lab environment
- Learned how route announcements and filtering work.

Socket-Based HTTP Client

- Built a simple HTTP client using TCP sockets.
- Sent GET requests and handled server responses.

HACKATHONS & COMPETITIONS

- Selected participant, IIT Bombay National Cybersecurity CTF
- Participated in multiple software and security-focused hackathons

EDUCATION

- Bachelor's Degree in Computer Science (core) — Vellore Institute of Technology (Vellore)
- Current CGPA: 8.3
- Graduation year: 2028
- School - Sardar Patel Vidyalaya (Delhi)
- Year of Completion: 2024