

Bellamkonda Venkata Manoj Kumar

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Summary

Enthusiastic and technically driven Computer Science student with hands-on experience in **AI, networking, and cloud computing**. Passionate about **cybersecurity, game automation, and system-level development**, seeking challenging opportunities to apply my skills in real-world environments.

Education

Vellore Institute of Technology (VIT), Vellore

2023 – 2027

- **Course:** Bachelor of Technology (B.Tech) in Computer Science & Engineering
- **CGPA:** 8.6

St.Andrews School,Bowenpally, Hyderabad

- **12th:** State 94%
- **10th:** CBSE 92%

Technical Skills

Languages: C++, C, Java, Python, Bash.

Tools & Libraries: Hashcat, Burp Suite, Metasploit, Git, Wireshark.

Cloud & Infrastructure: Oracle Cloud Infrastructure (OCI), Compute, VCN, DNS, AutoML
Networking: WAN Protocols, Routing & Switching, Network Simulation, Port Forwarding & Automation: Reverse Engineering, Memory Analysis, Hooking, Game Automation

Experience

Oracle Cloud - AI & Cloud Infrastructure Intern

- Deployed AI models using Oracle Cloud Infrastructure (OCI) services
- Created Virtual Cloud Networks (VCNs), subnets, and compute instances
- Integrated Oracle AI Services for anomaly detection and real-time inference
- Automated model training pipelines using Oracle Data Science & AutoML

BSNL RTTC Hyderabad - Intern - Networking

- Gained hands-on experience with live BSNL servers and telecom infrastructure.
- Worked with live telecom infrastructure and BSNL servers
- Worked in lab-based sessions on WAN protocols, routing, and switching
- Completed a mini-project designing a WAN model for educational institutions

Projects

BGMI Emulator Bypass & ESP for Gameloop

- Developed a real-time ESP using memory reading and overlay rendering
- Implemented bypass logic to evade detection via lib push and function hooking
- **Tools used:** Python, Memory Injection, Custom Offsets

Valorant Color Aimbot

- Built a pixel-based aimbot using color detection and precise mouse automation
- Utilized screen capture and real-time tracking for aim assist
- **Tools used:** Python, OpenCV, Automation Tools

Packet Editing

- To run local applications to internet through ngrok (port forwarding) & using tools like beef to exploit web pages through hooks
- Practiced safe simulations in a sandboxed lab environment
- **Tools used:** Burp Suite, apache3, ngrok, beef

Wide Area Network (WAN) Design for Campus Networks

- Designed a scalable WAN layout using routing protocols and subnetting principles
- Focused on network segmentation, scalability, and basic security
- **Tools used:** Network Simulation

Note

All **tools** and **security** experiments listed above were created for learning and educational purpose only, with no intent to cause **harm** or to **violate any software policies**.