Anshul

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Education

Vellore Institute of Technology, Bhopal
B.Tech in Computer Science and Engineering **CGPA: 8.75**
June 2026 Bhopal, MP

Govt. Model Sr. Sec. School, Chandigarh
12th - CBSE: 87% July 2022

Guru Nanak Public School, Chandigarh
10th - CBSE: 83% July 2020

Work Experience

Software Testing Intern **Oct 2024 – Dec 2024**
Hyaku Innovative Technologies, Jaipur

- Completed 2-month internship improving software quality and reliability.
- Reported 100+ critical bugs, reducing post-release defects by 30%.
- Streamlined bug reporting, improving issue resolution time by 20% and ensuring ISO 9001:2015 compliance.

Business Operations Intern **Oct 2024 – Dec 2024**
Clad Innovations-Baddi, India

- Support day-to-day operations, strategic initiatives, and internal process optimization within the business management team.
- Collaborated with 5+ departments including Sales, Finance, and Operations, ensuring a 100 percent on-time reporting rate
- Supported creation of 10+ internal business reports; insights used in monthly strategic review by leadership..

Projects

Keylogger Detector Using Behavioral Analysis **Dec 2024 – Mar 2025**

- Developed a digital security system to detect keyloggers through behavioral analysis
- Implemented features for password safety, data integrity, and provided guidance on keylogger removal and website monitoring.

ML Approaches for DDoS Attack and Mitigation on SDN **Jan 2025 – Apr 2025**

- Implemented detection and mitigation of DDoS attacks in SDN using Decision Tree, Random Forest, KNN, and ANN on the CIC-IDS 2017 dataset
- Achieved detection accuracy of up to 92.67percent with Random Forest, significantly improving reliability of intrusion detection systems..
- Preprocessing, feature selection, and normalization to enhance accuracy and reduce overfitting.

Technical Skills

- **Languages:** Python, C++, SQL , JavaScript, HTML/CSS
- **Tools:** Wireshark, Nmap, BurpSuite, Metasploit
- **Cloud & Tools:** Git, Linux
- **Certifications:** Cyber Security Analyst (IBM),Mern Full Stack Certification program (Ethnus), Machine Learning with Python (IBM), Ethical Hacking (Great Learning)

Achievements

- American Mathematical Society (Event Lead): Led a 5-member technical team, coordinated with event leads,
- Managed participant selection, and executed campus events with 1,200+ attendees.
- Data Security Council of India (DSCI) Participant, Cyber for HER Hackathon Delhi, India and Successfully participated in and completed the "Cyber for HER Hackathon," demonstrating dedication and achievement in cybersecurity
- Done 100 days of streak on TryHackMe.
- Completed 100 days of LeetCode