





SATVIK TRIVEDI

B.TECH STUDENT

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 [Satvik Trivedi](#)

 Mumbai, India

SUMMARY

Highly motivated and hardworking B.Tech student specializing in cybersecurity, with hands-on experience through multiple internships and various certifications in cybersecurity, Web Development, Cloud structure, Mobile App Dev. Skilled in identifying and mitigating security threats, network defense, and ethical hacking.

EDUCATION

Bachelors in Cyber Security	Mumbai University	2022-2026
Shah & Anchor Kutchi Engineering College	7.5 CGPA upto Sem 7	
HSC (PCM)	Mumbai University	2020-2022
Mahesh Tutorials		

TECHNICAL SKILLS

Programming Languages & Technologies	Cybersecurity
Python: Node.JS Angular.JS Pytorch Django	SOC Analysis VAPT Computer Networking
Java: JDK Eclipse Maven Jenkins	Blue Teaming Bug Bounty OSINT
Database: MySQL OracleDB MongoDB	Tools: Nmap Wireshark Burp suite
Cloud: AWS Microsoft AZURE GCP	Active Directory Splunk Nessus
Flutter: Dart Firebase Android Studio	

SOFT SKILLS

Communication & Interpersonal Skills	Languages: English - Fluent
Responsiveness	Hindi - Fluent
Team Work	Marathi - Fluent

PROFESSIONAL EXPERIENCE

AI/ML Internship, Quilio	Jan 2025 - Feb 2025
<ul style="list-style-type: none">Developed and implemented machine learning algorithms to model and simulate the behavior of analog amplifiers.Collected and preprocessed large datasets related to audio signals and amplifier performance for training models.Utilized deep learning models for the design and optimization of Digital Signal Processing (DSP) pedals.	
Junior SOC Analyst Internship, Maharashtra Cyber Police	Aug 2025 - Dec 2025
<ul style="list-style-type: none">Worked on real cybercrime cases, related to online financial fraud.Monitored security alerts and logs using SIEM tools to identify potential cyber threats and anomalies.Analyzed network traffic, firewall logs, and endpoint alerts to detect suspicious activity	

PROJECTS

Intrusion Detection System

- Detected common attack patterns such as DoS, port scanning, brute force, and suspicious payloads.
- Used rule-based and signature-based detection techniques to identify abnormal network behavior.
- Strengthened understanding of network protocols (TCP/IP, UDP, ICMP) and attack vectors.

Secured Chat Application with VPN Integration

- Designed and developed a secure chat application ensuring end-to-end encrypted communication.
- Ensured anonymity and IP masking through VPN-based traffic routing.
- Followed secure software development lifecycle (SSDLC) principles.

CERTIFICATIONS

- Certified Ethical Hacker (CEH) v13
- Certified Information Security Ethical Hacker (CISEH)
- Linux Systems
- Soft Skills Certificate By Infosys
- Cybersecurity Hackathon
- Virtual Internship

PUBLICATIONS

Data Fortify: An Advanced Website for Cyber Awareness

- Presented at the 16th International Conference on Computing, Communication and Networking Technologies (ICCCNT 2025), IIT Indore, July 2025.
 - Organized in association with IEEE Electronics Packaging Society and AICTE
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