

Abhay Tomar

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SKILLS

Languages: C, C++, Java, Python, Bash
Web Technologies: Node.js, Express.js, React, HTML, CSS, JavaScript
Tools/Platforms: Kali Linux, Wireshark, Nmap, Firewalls, Metasploit, Windows Server 2012 R2
Soft Skills: Problem-Solving, Team Player, Project Management, Adaptability

PROJECTS

AI-Powered Supply Chain Platform(SupplySenseAI) | [GitHub](#) | [Live-Link](#) Jan' 26 – Feb' 26

- Developed a full-stack supply chain platform integrating a Python-based ML microservice to forecast demand from 100+ historical orders.
 - Achieved ~85% prediction accuracy and reduced simulated stockouts by ~18% through automated inventory optimization.
 - Implemented secure REST APIs with JWT-based RBAC and role-based dashboards.
- Technology Used: MERN Stack, Python (Flask), JWT, REST APIs, Machine Learning.

Vehicle Theft Complaint System(CyberGuard) | [GitHub](#) | [Live-Link](#) Jun' 25 – Jul' 25

- Developed an AI-powered web application enabling users to file, track, and manage vehicle theft complaints with real-time status updates.
 - Integrated client-side image verification using TensorFlow.js, reducing false complaint submissions by ~35%.
 - Designed an investigator dashboard with live case tracking, chat support, and geospatial heatmap visualization, improving response efficiency by ~40%.
- Technology Used: HTML, CSS, JavaScript, Firebase Firestore, Firebase Authentication, TensorFlow.js, EmailJS.

Online College Voting System(CampusVote) | [GitHub](#) | [Live-Link](#) Mar' 25 – May' 25

- Developed a secure college-level online voting system using AI-based face verification and device fingerprinting to prevent impersonation and duplicate voting.
 - Implemented vote integrity by hashing votes with SHA-256 and chaining them to ensure tamper-proof election records.
 - Built an organizer dashboard for election management, candidate handling, and vote monitoring using Firebase.
- Technology Used: HTML, CSS, JavaScript, Firebase, Firestore, face-api.js, FingerprintJS, SHA-256

TRAINING

Lovely Professional University, Phagwara | [Certificate](#) | [Link](#) Jun' 25 – Jul' 25

NextGen Networking: Summer Internship in Advanced Computer Networks

- Worked on network configuration and routing simulations using Cisco Packet Tracer.
- Gained hands-on experience in system-level troubleshooting and connectivity design.

CERTIFICATIONS

Privacy and Security in Online Social Media | NPTEL | [Link](#) Dec' 25

Data Analytics with Microsoft Power BI | NASSCOM | [Link](#) May' 25

ACHIEVEMENTS

Top 2% globally on TryHackMe Nov' 25

Ranked in the top 2% of 3M+ users globally for hands-on proficiency in cybersecurity ([TryHackMe](#)).

Secured Top 10th Position in ByteBash Hackathon Jul' 23

Achieved top 10 team ranking among 300 teams.

EDUCATION

Lovely Professional University

Phagwara, Punjab

Bachelor of Technology

Computer Science and Engineering; CGPA: 8.38

Aug' 23 – Present

BBPS Sr. Secondary School

Modinagar, Uttar Pradesh

Intermediate

PCM; Percentage: 86%.

Mar' 22 – May' 23

BBPS Sr. Secondary School

Modinagar, Uttar Pradesh

Matriculation

Percentage: 78%

Mar' 20 – May' 21