

# Abhay Tomar

LinkedIn: [linkedin.com/in/abhaytomar](https://linkedin.com/in/abhaytomar)

GitHub: [github.com/AbhayTomar](https://github.com/AbhayTomar)

## 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

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## 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 10<sup>th</sup> Position in ByteBash Hackathon Jul' 23

Achieved top 10 team ranking among 300 teams.

## EDUCATION

### Lovely Professional University

Phagwara, Punjab

Bachelor of Technology Aug' 23 – Present

Computer Science and Engineering; CGPA: 8.38

### BBPS Sr. Secondary School

Modinagar,Uttar Pradesh

Intermediate Mar' 22 – May' 23

PCM; Percentage: 86%.

### BBPS Sr. Secondary School

Modinagar,Uttar Pradesh

Matriculation Mar' 20 – May' 21

Percentage: 78%