

# KUNDAN KUMAR

## B.Tech in Computer Science & Engineering (Cyber Security)

Email: shivkundank0@gmail.com | Mobile: 7382048432 Roll No: 21X35A6204

H.N. 2-90/1, Mallapur, Nacharam, Near Hanuman Temple, Uppal Ranga Reddy, Telangana - 500076

### ONLINE PROFILES

- GitHub: <https://github.com/KUNDAN-KUMAR04>
- GitHub (Personal): [github.com/Kundan725922](https://github.com/Kundan725922)
- TryHackMe Profile: ID 4340524



### CAREER OBJECTIVE

Dynamic and results-oriented B.Tech Cybersecurity student (Lateral Entry 2021-2024) with comprehensive expertise in network security, penetration testing, and full-stack development. Active TryHackMe participant (ID: 4340524) with proven hands-on experience in vulnerability assessment, malware analysis, digital forensics, and building innovative security tools. Awarded 1st prize for outstanding presentation on Cyber Security & Blockchain. Currently preparing for GATE CSE 2026 with focus on Computer Networks and Security. Seeking challenging positions as SOC Analyst or Cybersecurity professional to contribute technical expertise, analytical skills, and passion for ethical hacking while continuously learning and growing in the cybersecurity domain.

### EDUCATION

#### B.Tech in Computer Science & Engineering (Cyber Security) | 67% GPA

- Sri Indu Institute of Engineering and Technology (SIIET), Sheriguda
- JNTUH | Batch: 2021 – 2024 | Roll No: 21X35A6204
- Core Coursework: Network Security, Cryptography, Ethical Hacking, Web Security, Digital Forensics, Data Structures & Algorithms, Database Management Systems
- Current Preparation: GATE CSE 2026 (Focus: Computer Networks, Algorithms, and Security)

#### Diploma in Mechanical Engineering | 73% GPA

- T.R.R College of Polytechnic
- State Board of Technical Education & Training (SBTET) | 2021

#### SSC (Secondary School Certificate) | 7.0 GPA

- Jnansi High School | Board of Secondary Education | 2018

### TECHNICAL SKILLS

- Security Tools:** Nmap, Wireshark, Metasploit Framework, Burp Suite, Ghidra, Volatility Framework, John the Ripper, Hashcat
- Programming Languages:** Python (Scripting/Automation/Telethon), Java, JavaScript (Node.js, React.js), C (Data Structures & Algorithms), Dart
- Web & Backend Development:** Node.js, React.js, Express.js, MongoDB, Firestore, Firebase, Tailwind CSS

- **Emerging Technologies:** Machine Learning, Data Science, Artificial Intelligence, IoT/IIoT, Blockchain Technology, Cloud Computing, Image Processing
- **Development Tools & Frameworks:** Git/GitHub, FFmpeg, Flutter, Browser Extension APIs, MS Excel, UI/UX Design
- **Operating Systems:** Linux (Ubuntu/Kali Linux), Windows 7/10/11
- **Specialized Skills:** Digital Forensics, Malware Analysis, AI-generated Code Evaluation & Debugging, Cyber Forensics

## CYBER SECURITY EXPERIENCE & INTERNSHIPS

### **Cybersecurity Intern / Skillogic**

- Performed comprehensive vulnerability assessments and network scanning using Nmap and Wireshark
- Explored and identified web application vulnerabilities, intercepted and analyzed network traffic using Burp Suite framework
- Gained hands-on experience with Metasploit Framework and advanced penetration testing methodologies
- Studied malware analysis and digital forensic investigation using Ghidra and Volatility Framework
- Documented security flaws and recommended comprehensive remediation strategies for OWASP Top 10 vulnerabilities
- Researched emerging cybersecurity threats and assisted in security audits

### **Cyber Security & Ethical Hacking Internship**

- Duration: February 27 - March 8, 2022 / ISO 9001 Certified
- Conducted ethical hacking exercises and security assessments under professional guidance by Sabir Banu
- Performed simulated penetration testing and researched remediation techniques

## KEY PROJECTS

### **Major Project: A Bi-objective Hyper-Heuristic Support Vector Machines for Big Data Cyber Security**

- Currently developing advanced machine learning models for cybersecurity threat detection in big data environments
- Implementing hyper-heuristic optimization techniques with Support Vector Machines for enhanced security analysis
- Utilizing ML, Data Science, and AI technologies for intelligent threat prediction and mitigation

### **Minor Project: Anomaly Recognition for Suspicious Behaviors**

- Developed anomaly detection system to identify and flag suspicious behavioral patterns in real-time
- Applied machine learning algorithms for automated threat identification and behavioral analysis

### **GhostMask: Browser Fingerprint Spoofing Extension**

- Engineered privacy-focused browser extension to mask digital fingerprints by spoofing browser and system metadata
- Implemented advanced anti-tracking logic to enhance user anonymity during web sessions
- Utilized Browser Extension APIs for seamless integration and user privacy protection

### Cross-Platform Video Player (Video Web Player & Latest We Video Player)

- Built secure, multi-platform media player using Flutter for cross-device compatibility and optimal user experience
- Developed video playback solutions using Node.js with custom UI components and complex media streaming logic
- Implemented security features to protect against unauthorized access and ensure data integrity

## CERTIFICATIONS & TRAINING

### Professional Certifications:

- Google Cybersecurity Professional Certificate
- Cybersecurity Awareness Training - CEUs/CPEs Certification by Cybrary
- Cyber Security Certification by Digital AddA (REF NO: DA/CS/22/11913) - March 10, 2020
- Cyber Forensics Certification by Great Learning (December 2022)
- Cyber Security Quiz by Ultimate Trivia (February 17, 2023)
- Certificate of Participation 'COLLEGE PROJECTS' by team Elewayte (Virtual)
- TryHackMe Public Profile - ID: 4340524 (Active Participant)
- In Progress: CompTIA Security+, OSCP (Offensive Security Certified Professional)

### Training Programs & Workshops:

- Java Certification Program (October 1 - November 15, 2024)
- IIoT Training at MSME (November - December 2024)
- Presented Seminar on Cyber Security & Blockchain Technology

## ACHIEVEMENTS & PROFESSIONAL RECOGNITION

- Awarded 1st Prize for outstanding presentation skills - Topic: 'Cyber Security & Blockchain Technology'
- Exceptional problem-solving abilities with fluent interpersonal and communication skills (Written and Spoken)
- Strong analytical skills with ability to evaluate and debug AI-generated code effectively
- Active participant in cybersecurity competitions, CTF challenges, and TryHackMe platform
- Demonstrated leadership in college projects and team collaborations

## CORE STRENGTHS

- Excellent verbal and written communication skills with strong presentation abilities
- Result-oriented mindset with strong work ethic and unwavering dedication
- Highly adaptable to new technologies, emerging threats, and evolving security landscapes
- Self-motivated with proven ability to work independently and collaboratively in teams
- Patient and detail-oriented approach to complex problem-solving and security analysis
- Hard-working with deep commitment to continuous learning and professional improvement
- Strong understanding of cybersecurity principles and ethical hacking methodologies
- Exceptional attention to detail with focus on quality and precision
- Developed soft skills through presentations, seminars, and professional interactions

## INTERESTS & FOCUS AREAS

### Domain Interests:

- Cyber Security & Network Defense
- Data Science & Big Data Analytics
- Machine Learning & Artificial Intelligence
- Blockchain Technology & Cryptography
- Secure Coding Practices & System Architecture
- Digital Forensics & Malware Analysis
- IoT/IoT Security & Cloud Computing

### Hobbies & Personal Interests:

- Reading technical books, cybersecurity research papers, and technology blogs
- Passionate about AI, coding, software development, and content evaluation
- Strategic and logical analysis (influenced by high-logic anime like Log Horizon)
- Exploring new programming languages, frameworks, and emerging technologies
- Music appreciation and technology-focused podcasts
- Computer enthusiast - spending quality time exploring new software and tools

## PERSONAL DETAILS

- Father's Name: Rajhans Kumar
- Date of Birth: October 19, 2001
- Gender: Male
- Marital Status: Unmarried
- Nationality: Indian
- Languages Known: English, Telugu, Hindi
- Religion: Hindu

### Associations and Affiliations

**HackDefence Summit 2026:** Registered Participant for the cybersecurity conference held in February 2026.

- **Hackathon at SIIET:** Active participant in the technical hackathon hosted by my college.
- **Techgyan Hackathon at IIT Hyderabad:** Awarded Participation Certificates for excellence in Ethical Hacking and Android App Development in June 2025.
- **AI Powered SEO Masterclass:** Successfully completed the 3 Day intensive training program in June 2025.
- **Ethical Hacking Workshop:** Completed specialized training with Techgyan Technologies at IIT Hyderabad.
- **Android App Development Workshop:** Completed professional workshop at IIT Hyderabad in June 2025.

## DECLARATION

I hereby declare that the above furnished information is true and correct to the best of my knowledge and belief.

Place: Hyderabad

(KUNDAN KUMAR)