

# Challagali Prem Kumar

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## Professional Summary

Passionate Computer Science Engineering student specializing in Cybersecurity, proficient in Java, network security, and cybersecurity tools. Experienced in network traffic analysis, vulnerability assessment, and secure application development. Strong knowledge of security best practices and committed to continuous learning.

## Education

Bachelor of Technology, Computer Science and Engineering - Cyber Security

Pallavi Engineering College, Hyderabad (2022 - 2025)

Diploma, Computer Engineering

T.R.R Polytechnic Engineering College, Hyderabad (2022)

Secondary School Certificate

Vijetha Techno School, Hyderabad (2019)

## Technical Skills

- Programming Languages: Python, C, Java
- Cybersecurity Tools: Autopsy, Nmap, Wireshark
- Security Concepts: Networking Basics, Firewalls, Intrusion Detection, Secure Coding Practices

## Certifications

- Google Cyber Security - Coursera (Dec 2024)
- Introduction to Cybersecurity - Infosys Springboard (July 2024)
- SQL Injection Attack - EC-Council
- PCAP: Programming Essentials in Python
- UI Developer - ICT Academy
- Cybersecurity Job Simulation - Forage
- Skill India Participation

## Projects

### Blockchain-Based Voting System:

- Developed a secure blockchain-based voting platform to enhance transparency and prevent fraud.
- Designed smart contracts for real-time vote counting and secure audits.

### Flex Track - Gym Management System:

- Automated scheduling and billing processes to improve gym management efficiency.
- Developed a user-friendly dashboard adopted by multiple gyms, reducing operational costs.

## Internship Experience

### Cybersecurity Intern - Techno Hacks (Feb 2024 - Mar 2024)

- Monitored and analyzed network traffic using Wireshark.
- Identified security vulnerabilities and implemented risk mitigation strategies.

### Python Intern - Internshala (Jan 2024 - Feb 2024)

- Optimized automation workflows using Python, improving execution efficiency by 30%.

### Java Intern - Mydreamz Academy (Sep 2021 - Feb 2022)

- Developed a secure online voting system with Aadhaar-based authentication and Java for backend security.

## Publications

- Empowering Women in the Digital Realm: Strategies to Prevent Cyber Crimes
- Cyber Financial Fraud in the Digital Age: Emerging Threats and Future Defenses

## Achievements

- Research Paper Presentation - ICWSCS, Hyderabad (Dec 2024)
- Participation in International Student Workshop (Sep 2024)

## Declaration

I hereby declare that all the information provided in this resume is true to the best of my knowledge and belief.