

# Reeti Chopra

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## Summary

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Adept B.Tech graduate with a specialization in Cybersecurity and Digital Forensics from VIT Bhopal. Proficient in Java with a solid understanding of network protocols, encryption standards, and security frameworks.

## Education

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<b>VIT Bhopal University</b> , BTech in Computer Science Engineering	Aug 2022 – May 2026
GPA: 8.90/10.0	
<b>St. Conrad's Inter College</b> , Agra	April 2007 – Mar 2022
12th: 85.75/100.0; 10th: 97.00/100.0	

## Experience

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<b>The Red Users</b> , CyberSecurity Intern – Remote	April 2025 – May 2025
• Conducted vulnerability assessments and penetration tests on web and network systems, identifying key risks and contributing to actionable remediation plans to mitigate potential fraud.	
<b>Srida IT Consulting and Services Pvt Ltd</b> , CyberSecurity Intern – Remote	May 2025 – Jun 2025
• Orchestrated 6-phase cybersecurity projects, developing and implementing over 50 detection use cases to proactively improve system security and ensure client compliance. • Monitored real-time network activity and analyzed security logs using a Security Information and Event Management (SIEM) tool like Splunk to detect and investigate suspicious behavior.	

## Skills and Interests

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**Languages:** Java, SQL, MongoDB, Express.js, React, Node.js

**Tools and Frameworks:** BeautifulSoup, Nodemailer, Cron Jobs, EmailJS, Figma

**Cybersecurity:** Burp Suite, Metasploit, Nmap, Wireshark, Kali Linux, Google Dorking

**Data & Analytics:** SQL, Python (BeautifulSoup), MS Office Suite

**Soft Skills:** Project Management, Client Interaction, Communication, Presentation

## Projects

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### Ovawell – PCOD Health and Wellness Platform (2025)

LINK

- Designed a platform-curated database of 20+ exercises, 50+ health blogs and 100+ specialized recipes, along with a 90% accurate period checker and a comprehensive list of 25+ recommended products. Revitalized 7 key user interface components using the MERN stack, boosting new user engagement by 20% through intuitive and accessible navigation.
- Tech used: MongoDB, Express.js, React, Node.js

### Deepfake Detection Website (2024)

LINK

- Architected a full-stack web application for deepfake detection using machine learning to verify digital media with 90% accuracy, demonstrating strong analytical skills and reducing manual verification time by over 85%.
- Tech used: ReactJs, Express.js, Machine Learning, Python

### Image Steganography Project (2024)

LINK

- Pioneered a Java-based steganography application for secure data embedding and extraction in image files. Leveraged Least Significant Bit (LSB) manipulation for data hiding, achieving a 100% data recovery rate with minimal image distortion.
- Tech used: Java GUI

## Certifications and Publications

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IBM Cybersecurity Analyst Certification

Apr 2025

MERN Stack Development Certification

Apr 2025

Digital Arrest in India in i-manager's June Journal 2025

Jun 2025