Reeti Chopra

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Summary

Adept B.Tech graduate from VIT Bhopal with a specialization in Cybersecurity and Digital Forensics. Proficient in Java and committed to mastering Data Structures and Algorithms. Seeking a developer role to leverage my foundational knowledge and problem-solving skills to tackle real-world challenges.

Education

St. Conrad's Inter College, Agra   April 2007 – Mar 2022
- 12th: 85.75/100.0; 10th: 97.00/100.0

VIT Bhopal University, BTech in Computer Science Engineering   Aug 2022 – May 2026
- GPA: 8.85/10.0

Experience

The Red Users , CyberSecurity Intern – Remote   April 2025 – May 2025
- Conducted vulnerability assessments and penetration tests of web and network systems, utilizing industry-standard tools. Analyzed and documented emerging cyber threats, creating detailed security reports with actionable remediation plans.

Srida IT Consulting and Services Pvt Ltd, CyberSecurity Intern – Remote   May2025 – Jun 2025
- Orchestrated 6-phase cybersecurity projects, developing and implementing over 50 detection use cases to improve understanding and mitigation of system vulnerabilities.
- 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

Languages: Java, C++, Python, SQL, MongoDB, Express.js, React, Node.js

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

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

Interests: Digital Painting, Blog Writing, UI/UX Design

Projects

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 a machine learning model to verify digital media through image analysis with 90% accuracy on a test dataset of over 10,000 images, 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

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