

Rudra Prasad Jena

Bhubaneswar, Odisha

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PROFILE

A dedicated cybersecurity enthusiast with hands-on experience in penetration testing, web application security, cryptography, and Linux systems. Proficient in Python, Java, and SQL, with a strong foundation in security testing methodologies and practical skills demonstrated through CTF competitions and industry internships. Holds relevant certifications like Google Cybersecurity Specialization and IBM Incident Response and Penetration Testing. Excited to contribute knowledge and expertise as a Penetration Testing Intern.

WORK EXPERIENCE

- **Penetration Intern, CFSS**

March 2024 - April 2024

- Conducted penetration testing, identifying vulnerabilities and suggesting mitigations.
- Utilized tools like Burp Suite and OWASP ZAP for web application testing.
- Delivered detailed vulnerability assessment reports with recommendations for remediation.

- **Cybersecurity Intern, ShadowFox**

April 2024 - May 2024

- Analysed network packet captures for potential anomalies and security risks.
- Built automated vulnerability scanning scripts in Python to streamline testing processes.
- Contributed to security audits, identifying key areas for network improvement.

PROJECTS

- **Packet Sniffer using Python**

- Designed a packet sniffer with Scapy for real-time traffic analysis, enabling monitoring of network activity.
- Identified unusual traffic patterns and potential security threats for network forensics.

- **PII Extract and Redact Tool**

- Developed a tool to automatically extract and redact sensitive personal information from documents using OpenCV and regular expressions.
- Achieved automated privacy protection with accuracy greater than 95%.

- **Railway Management System (Java)**

- Developed an object-oriented railway management system in Java with features like user authentication and secure data storage.
- Ensured data integrity by implementing validation checks and secure communication protocols.

SKILLS

- Penetration Testing, Web Application Security, Network Analysis, Bash Scripting
- Linux Systems, Python, Java, C, SQL
- Scapy, OpenCV, Metasploit, Burp Suite, Wireshark
- Problem-solving, Critical Thinking, Collaboration, Adaptability

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering (Cybersecurity)**
Sambalpur University Institute of Information Technology
Nov 2022 - June 2026

LANGUAGE

- English (Intermediate)
- Hindi (Fluent)
- Odia (Fluent)

CERTIFICATES

- **Google Cybersecurity Specialization**
Coursera Link
- **Penetration Testing, Threat Hunting, and Cryptography**
Coursera Link
- **Practical Web Application Security and Testing**