RAKESH RANJAN PRADHAN
SECURITY ENGINEER

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📍 Bhopal (Madhya Pradesh)

📝 SUMMARY

Passionate about Cybersecurity, vulnerability assessment, and Penetration Testing. Skilled in penetration testing and risk mitigation to protect systems from cyber threats. Always eager to learn and apply new security techniques.

🎓 EDUCATION

MASTER OF COMPUTER APPLICATION
2021 - 2023
Makhanlal Chaturvedi National University of Journalism and Communication

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
2018 - 2021
Barkatullah University

💡 SKILLS

- VAPT
- Application Security
- Mobile Security
- Network Security
- Linux, Bash
- Angular - Spring - Oracle DB - Java
- SVN, Git

⚙ TOOLS

- Burp Suite, ZAP
- Jdax, APKTool
- Nmap, Angry IP
- Kali Linux, WSL
- VSCode, Github, Dbeaver, TortoiseSVN
- TailsOS, WHONX, TOR Project
- MS Office
- Disk Drill

🈂 LANGUAGE

- Hindi
- English
- Oriya

🏅 CERTIFICATION

CERTIFIED ETHICAL HACKER (PRACTICAL)
Issued by EC-Council

INTRODUCTION TO CYBER SECURITY
Issued by infosys

💼 EXPERIENCE

SECURITY AUDIT INTERN

M.P. State Electronics Development Corporation Ltd.
March 2024 - Present
Project - SAMPADA 2.0

- Design & Develop Chatbot with Rasa Open Source AI
- Integrate & Deploy Rasa Open Source on Windows Server
- Implement WebSocket for live data (SR Office Display)
- Generate reports within the web app
- Design & Develop FAQ Component
- Work on the IGRS Search Component
- Automate Chatbot interactions using Rasa

Project - Security Audit

- Conduct VAPT for web & mobile applications
- Analyze network security using Nmap
- Utilize security tools: Burp Suite, ZAP, Jdax, APKTool
- Leverage Kali Linux: SQLmap, Dirsearch, Subfinder, Httpx, Nuclei, Wpscan, Nikto, Maltego, Nmap, John the Ripper, Wappalyzer
- SBOM Software Bill of Materials and Hiring Management
- Research & Test OWASP Top 10 security vulnerabilities
- Draft security audit reports for audit lab team

Security Audit - Cybersecurity

- Showcased access to Dark Web & Maintain Anonymity
- Use Privacy-Focused Operating Systems: Tails OS, Whonix
- Browse Anonymously with Networks: Tor Project, I2P, and Search Securely with DuckDuckGo
- Enhance Security with VPNs and Secure Email Services
- Understand Internet Layers for Better Privacy
- Communicate Securely with Signal and PinePhone
- Set Up Secure IoT Devices using Raspberry Pi