# 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, Wireshark
- 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