Mr. Darshan Bhawsar is a Cybersecurity Researcher and Security Analyst with a strong interest in Penetration Testing, Vulnerability Assessment, Threat Detection, and Security Research. He holds an M.Tech in Computer Science and Engineering from National Institute of Technology Rourkela and has developed expertise in identifying security weaknesses, analyzing attack surfaces, and evaluating the effectiveness of defensive security controls.

His research and professional interests primarily focus on vulnerability discovery, intrusion detection systems, network security, offensive security methodologies, and threat analysis. He is particularly interested in understanding attacker behavior, identifying security gaps in modern infrastructures, and developing effective detection and mitigation strategies against evolving cyber threats.

His work involves conducting security assessments, vulnerability analysis, penetration testing, attack simulation, and security monitoring across enterprise and cloud environments. He is passionate about studying real-world attack techniques and exploring innovative approaches to improve cyber defense mechanisms.

Research Interests

- Vulnerability Assessment and Penetration Testing (VAPT)
- Intrusion Detection and Prevention Systems (IDS/IPS)
- Network Security and Threat Analysis
- Security Monitoring and Incident Response
- Offensive Security and Ethical Hacking
- Web Application Security
- Threat Intelligence and Cyber Threat Hunting

Professional Highlights

- Conducted vulnerability assessments and penetration testing on web applications, networks, and system infrastructures.

- Performed security analysis using industry-standard tools including Burp Suite, Nmap, Metasploit, Wireshark, and OWASP testing methodologies.
- Developed expertise in identifying, validating, and reporting security vulnerabilities.
- Studied attack techniques and adversarial tactics to improve detection and defense capabilities.
- Worked on network traffic analysis and security monitoring for threat identification and investigation.
- Researched intrusion detection methodologies and their effectiveness against modern attack vectors.
- Experienced in reconnaissance, enumeration, exploitation, and post-assessment reporting processes.

Vision and Goals

Mr. Darshan Bhawsar aspires to contribute to advanced research and innovation in Offensive Security, Vulnerability Research, Intrusion Detection, and Threat Intelligence. His vision is to develop practical and scalable security solutions capable of identifying emerging cyber threats while improving organizational resilience against sophisticated attacks. He aims to bridge the gap between offensive security research and defensive security operations through continuous learning, experimentation, and innovation.