NIRAKARA MISHRA

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🌐 [My Portfolio](#) | 🔗 [Linkedin](#) | 💻 [Github](#)

CAREER OBJECTIVE

Motivated and detail-oriented B.Tech CSE student with practical experience in cybersecurity tools and techniques. Certified by Google and IBM in key cybersecurity domains. Seeking an entry-level SOC Analyst role to apply skills in threat monitoring, log analysis, and incident response. Dedicated to enhancing organizational security through a proactive and analytical mindset.

EDUCATION

B.Tech in Computer Science and Engineering
Biju Patnaik University of Technology (BPUT), Odisha
Expected Graduation: 2025,   **CGPA**: 8.1 / 10

TECHNICAL SKILLS

- **Programming Languages:** Python, Bash, Java, HTML, CSS, JavaScript
- **Cybersecurity Tools:** Wireshark, Burp Suite, Nmap, Nikto, Metasploit, Nessus
- **Cybersecurity Concepts:** OWASP Top 10, SQL Injection, XSS, CSRF, Packet Analysis
- **Operating Systems:** Linux (Ubuntu, Kali), Windows, macOS
- **Frameworks & Tools:** Git, GitHub, VS Code, VirtualBox, Postman, Flask, Excel Reporting

CERTIFICATIONS

- **Google Cybersecurity Professional Certificate** – Google (via Coursera)
- **IBM Cybersecurity Analyst Professional Certificate** – IBM (via Coursera)
- **Applied ChatGPT for Cybersecurity** – Infosys (via Coursera)
- **Getting Started with Git and GitHub** – IBM (via Coursera)

PROJECTS

1. **Advanced Intrusion Detection and Prevention System (IDPS) using AI/ML**

- Built a Flask-based web dashboard that uses a trained ML model to detect and log network intrusions.
- Features include log filtering, pie chart visualization, and Excel export.
- **Tech:** Python, Flask, Pandas, NSL-KDD, Scikit-learn, Matplotlib

2. **Advanced Web Application Security Scanner**

- Built a scanner to detect XSS, SQLi, and open ports with scan reports and log history.
- **Tech:** Python, Flask, Nmap, BeautifulSoup, CSV/Excel logging

3. **Driver Drowsiness Detection System**

- Real-time fatigue detection using Dlib, OpenCV, and EAR with alerts and night mode.
- **Tech:** Python, OpenCV, Dlib, Tkinter, gTTS

TRAININGS / WORKSHOPS

- Completed hands-on labs on **TryHackMe** covering Reconnaissance, Web Exploitation, and Networking
- Attended cybersecurity workshops by **Cisco Networking Academy** and **Google**

ACHIEVEMENTS

- Earned **Google** and **IBM Cybersecurity Professional Certificates** with distinction
- Developed **2+ real-world cybersecurity projects** involving threat detection and vulnerability scanning
- Actively learning through hands-on platforms like **TryHackMe** and **Hack The Box**

PERSONAL DETAILS

Languages Known: English (Fluent) | Hindi (Native) | Odia (Native)

Hobbies & Interest: CTF challenges, infosec blogs, vulnerability reports, building cybersecurity tools