CAP PORTFOLIO - (Cyber Security Analyst)

Piyush Jain

1. Homepage (Introduction & Summary)

Hi, I'm Piyush Jain – Aspiring Cybersecurity Specialist & Ethical Hacking Enthusiast. I'm currently pursuing a Master of Computer Applications (MCA) at Lovely Professional University (2024–2026). With a passion for securing digital infrastructures, I focus on threat analysis, penetration testing, and network security to build safer and more resilient systems.

[Resume] 📇

2. About Me (Detailed Introduction)

I am a cybersecurity enthusiast passionate about ethical hacking, penetration testing, and system security. My academic journey at LPU has strengthened my expertise in security frameworks, network analysis, and ethical hacking methodologies. I believe in continuously learning and applying security best practices to mitigate cyber threats effectively.

3. Skills & Technologies

• Programming Languages: Python, C++, Java , DSA
• Web Technologies: HTML, CSS,
• Database Management: MySQL
• Cybersecurity Tools & Frameworks: Metasploit, Snort, Burp Suite, Nmap, Zphisher, Suricata, MFA
• Networking & Security Platforms: Kali Linux, Cisco Networking, Splunk, Wireshark

4. Projects

Showcasing my practical work through hands-on projects:

 • Mastercard Cybersecurity Virtual Experience Program:- Simulated real-world security analysis, identifying threats and enhancing security awareness.

• Tata Cybersecurity job Simulation:- Analyzed security risks and designed strategic mitigation plans for enterprise security.

• Yhills:- Developed penetration testing tools and implemented secure data transfer methods.

5. Certifications & Courses

• Cybersecurity Management Job Simulation by ANZ Australia (Forage)
   Course Link

• Connect and Protect: Networks and Network Security by Google (Coursera)
   Course Link

• Shield Up: Cybersecurity Job Simulation by New York Jobs CEO Council (Forage)
   Course Link

• Play It Safe: Manage Security Risks by Google (Coursera)
   Course Link

• Security Job Simulation by Pwc Switzerland (Forage)
   Course Link

• Cyber Security Job Simulation by Mastercard (Forage)
   Course Link

• Foundation of Cybersecurity by Google (Coursera)
   Course Link

• Cyber Security Analyst Job Simulation by Tata (Forage)
   Course Link

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6. Experience (Internships & Work)

• CyberSecurity Intern - CodeAlpha
  [Details & Link](#)
  Hands-on experience in threat analysis, risk mitigation, and security frameworks.

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7. Competitive Programming & Hackathons

• University-Level Hackathon 2024 – advanced to the second round

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8. Open-Source Contributions

Actively contribute to projects on GitHub, demonstrating a commitment to collaborative development and continuous improvement.

- Security **Enhancements:** Contributed to open-source security tools by fixing vulnerabilities.

- Penetration **Testing Modules:** Added custom scripts for automated vulnerability scanning.

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9. Blog & Technical Writing

Cyber Security: Protecting Our Digital World – Published on blogger.com

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10. Research Publication/Patent

Research Paper on Cybersecurity Threat Detection

- **Title:** "AI-Enhanced Threat Detection: A Proactive Approach to Cybersecurity"
- **Published in:** (To be added)
- **DOI:** (Link to be added)

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11. Contact Section

- Email: piyushjain8350@gmail.com
- Phone: +91 9467776198
- LinkedIn: https://www.linkedin.com/in/piyushjain8350
- GitHub: https://github.com/piyushjain8350

12. Resume

For a comprehensive overview of my skills and experiences, please download my resume.

Resume