SOUMYAKANTA MAHAPATRA

AI - Cyber Security and Software Developer
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Portfolio | LinkedIn | GitHub | LeetCode | HackerRank

Professional Summary

Motivated and enthusiastic individual eager to begin a professional journey in DSA, AI/ML, and Cyber Security, with a strong technical foundation and a deep passion for continuous learning.

Professional Experience

Cyber Peace Corps: KIIT Chapter   Sept 2025 – Present
Cybersecurity Member   Bhubaneswar, Odisha
- Participating in cybersecurity initiatives and chapter activities at KIIT.

Infotact Solutions   May 2025 – Aug 2025
Cyber Security Internship   Remote
- Gained hands-on experience in cybersecurity operations during a 4-month internship.

AICTE-IBM / AICTE-Microsoft AI Azure   May 2025 – July 2025
Cyber Security / AI Azure Intern   Remote
- Completed specialized internships in AI Azure and Cybersecurity through AICTE.

Vaishnav Technologies / Pinnacle Labs   May 2025 – July 2025
Cyber Security Intern   Remote
- Developed practical security skills and vulnerability assessment techniques.

Education

KIIT University Bhubaneswar   July 2023 – Aug 2027
Bachelor of Technology - CSE; **CGPA: 8.08**   Bhubaneswar, Odisha
Delhi Public School Rourkela   April 2009 – March 2023
Science (CBSE); **10th CGPA: 9.6 and 12th CGPA: 7.6**   Rourkela, Odisha

Projects

- **Secure Linux Server Setup Hardening:** Hardening protocols on Virtual Machines.
  Advantage: Minimizes server attack surface to prevent unauthorized access and breaches.
- **Brute Force FTP Accounts:** Python tool to test FTP passwords for weak credentials.
  Advantage: Helps admins identify and fix weak authentication points before exploitation.
- **Find Deleted Files:** Python script to restore deleted documents and photos.
  Advantage: Provides a data recovery solution to retrieve critical lost information.
- **Port Scanner:** Discovers open ports to help users close unnecessary services.
  Advantage: Enhances network visibility to ensure only essential channels are exposed.
- **File Password Cracker:** Tool for recovering access to password-protected files.
  Advantage: Assists in lawful data recovery and testing encryption strength.

Technical Skills

Programming: Python, Java, C/C++, PowerShell, DSA, OS, Computer Networks, DBMS, Linux.
Security Tools: Tenable Nessus, Nmap, Deepweb, Kali Linux, Wireshark, Burpsuite, John The Ripper, Metasploit.
Databases/Cloud: SQL, MySQL, Oracle, AWS, Azure, Google Cloud, Pandas.

Certifications

- **Google:** IT Support Specialization, Cybersecurity Specialization, Project Management Specialization
- **Microsoft:** IT Support Specialization, AI & ML Engineering Specialization, Cybersecurity Specialization, Copilot
- **Cisco and Palo Alto Networks:** Cisco Cybersecurity Specializations, Palo Alto Network Cybersecurity Specializations
- **HackerRank:** Software Engineer Intern Role Certification

Additional Information

Languages: English, Hindi, Odia (Native), French (Elementary), Russian (Elementary).
Hobbies: Traveller, Comics Illustrator and Collection, Painter, Foodie, Explorer, Technophile, Badminton, Basketball.