

Abhishek Kumar Sahu

Surajpur, Chhattisgarh, India, +91 8889255967, itsmrsahu@gmail.com

LINKS

[Portfolio](#), [Linkedin](#)

PROFILE

Detail-oriented and proactive Cybersecurity and AI Specialist with a Master's degree in Cybersecurity and Artificial Intelligence from the University of Sheffield. Expertise in network security, ethical hacking, cryptography, and AI-driven threat detection. Proven ability to identify and mitigate security vulnerabilities, conduct penetration testing, and secure cloud environments. Proficient in using tools like Kali Linux, Metasploit, Hashcat, and TensorFlow for AI-based threat prevention.

EMPLOYMENT HISTORY

Nov 2023 — Feb 2024

Desktop Support Engineer, TeamLease Digital

- Technical Troubleshooting:** Expertise in diagnosing and resolving hardware, software, and network-related issues for desktops, laptops, and peripherals.
- Software Installation & Configuration:** Proficient in installing, configuring, and updating operating systems, software applications, and security solutions.
- User Support & Training:** Provide efficient technical assistance to end-users, including training on system use and software functionality.
- System Maintenance & Upgrades:** Conduct hardware repairs, replacements, and upgrades to optimize system performance and extend lifecycle.
- Network & Security Management:** Skilled in resolving network connectivity issues and implementing security policies, including antivirus, patches, and firewalls.

EDUCATION

Sep 2024 — Sep 2025

MSc Cybersecurity and Artificial Intelligence, University of Sheffield

Sheffield

- Pursuing an MSc in Cybersecurity and Artificial Intelligence:** I am focused on developing expertise in advanced cybersecurity techniques and AI-driven solutions at the University of Sheffield.
- Hands-on Experience with AI & Cybersecurity Tools:** Engaged in practical projects involving penetration testing, secure software development, and AI model training for threat detection.
- Strong Knowledge of Network Security and Cryptography:** Studying advanced concepts like network security protocols, cryptography, and ethical hacking to enhance system defenses.
- AI Integration in Cybersecurity:** Leveraging AI technologies like machine learning and neural networks to build predictive models for threat intelligence and automated security systems.
- Collaborative Research and Projects:** Participating in team-based projects and research to tackle real-world cybersecurity challenges with innovative AI applications.

Jul 2021 — Jun 2024

Bachelor's in Computer Application, Kalinga University

Raipur

- Bachelor's in Computer Application (BCA):** Graduated from Kalinga University with a focus on core computer science concepts, programming, and software development.
- Strong Foundation in Programming:** Developed proficiency in multiple programming languages such as C++, Java, Python, and web technologies like HTML, CSS, and JavaScript.
- Database Management & Software Engineering:** Gained in-depth knowledge of database management systems (DBMS), SQL, and software development lifecycle (SDLC) processes.
- Project Work & Practical Experience:** Completed academic projects focused on developing software applications, web solutions, and databases, showcasing practical problem-solving skills.
- Data Structures & Algorithms Expertise:** Studied advanced topics in data structures and algorithms, enhancing analytical abilities and software performance optimization.

SKILLS

Network Security

Penetration Testing and Ethical Hacking

Cryptography

AI in Cybersecurity

Incident Response and Forensics

Risk Management and Compliance

AI Ethics and Security

Malware Analysis and Reverse Engineering

Cloud Security