

AJIT SINGH RATHORE

ASRBMY | CYBERSECURITY • AI • ROBOTICS

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PROFESSIONAL SUMMARY

Student and technology enthusiast focused on Cybersecurity, OSINT, Artificial Intelligence, and Robotics. Develops practical software and security projects using Python, JavaScript, SQL, APIs, and browser technologies. Knowledge of cybersecurity fundamentals including ethical hacking, vulnerability assessment, network security, web security, penetration-testing concepts, incident-response workflows, threat modeling, cryptography, and security research.

TECHNICAL SKILLS

Programming: Python, JavaScript, SQL | Cybersecurity: Ethical Hacking, Vulnerability Assessment, Network Security, Web Security, Penetration Testing Concepts, Incident Response Concepts, Threat Modeling, OSINT | Security: Cryptography, Encryption, Security Research | Web: HTML, CSS, APIs, Browser Extensions | Tools: Git, GitHub | AI: Artificial Intelligence, AI/ML, Automation | Other: Robotics, Technical Research, Problem Solving

EDUCATION

Kendriya Vidyalaya, Churu, Rajasthan — School Education (Ongoing)

PROJECT EXPERIENCE

OSINT Correlator | HTML • CSS • JavaScript • Browser Extension

- Developed a lightweight browser extension for authorized OSINT reconnaissance and publicly available information workflows. • Implemented information collection and correlation functionality for cybersecurity and investigation use cases.

OSINT Investigation Tool | Python • APIs • OSINT

- Developed an open-source intelligence investigation and correlation tool using Python and APIs.
- Structured and analyzed publicly available information to support a practical investigation workflow.

AI Automation Projects | Python • AI/ML

- Built experimental AI automation projects using Python and explored practical applications of artificial intelligence. • Applied programming and problem-solving techniques to automate repetitive technical workflows.

CYBERSECURITY PRACTICE & FOCUS

- Vulnerability Assessment: Familiar with identifying and documenting security weaknesses in controlled learning environments. • Penetration Testing: Familiar with penetration-testing methodology and security testing concepts; practical testing should be limited to authorized systems.
- Incident Response: Familiar with incident-response concepts including identification, analysis, containment, and recovery workflows. • Network Security: Studying core networking and security concepts relevant to defensive cybersecurity.
- Threat Modeling: Familiar with identifying threats, attack surfaces, and security controls in application designs.

AWARDS & ACHIEVEMENTS

- National Runner-Up — 2nd Position: AI VidyaSetu, KVS Hackathon
- Best Team Award: AI VidyaSetu
- State-Level Winner: AI VidyaSetu
- Zonal — 3rd Position: AI VidyaSetu
- Best Problem-Solving Award: Zonal Level, AI VidyaSetu

INNOVATION & COMPETITIONS

AI VidyaSetu — KVS Hackathon: Competed in AI-focused challenges and earned national, state, and zonal recognition. iStart

Rajasthan Innovation Ecosystem: Developed and explored technology-oriented innovation activities.

Atal Tinkering Lab Marathons & Science Exhibitions: Designed, experimented with, and presented technology and robotics concepts.

CERTIFICATIONS

No completed professional cybersecurity certification currently listed. Relevant certifications can be added after completion; no unearned certifications are included.

ADDITIONAL INFORMATION

Languages: Hindi, English | Interests: Cybersecurity, Artificial Intelligence, Robotics, Software Development, Automation, Technology Research Online Profiles:

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