

KAUSHAL KUMAR SINGH

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Cybersecurity professional with hands-on experience in endpoint security, and firewall management, including deploying CrowdStrike Falcon and working with Palo Alto firewalls. Skilled in incident response, USB policy management, and data analytics, with a strong academic background in cybersecurity. Currently pursuing an MCA in Cyber Security, an individual eager to leverage my technical skills and collaborative experience in a dynamic role to enhance organizational security and drive innovative solutions.

EXPERIENCE

Hitachi Systems India Pvt Ltd (Internship).

June 2024- September 2024

- Gained hands-on experience **with CrowdStrike Falcon**, including deployment, configuration for workstations, and managing firewalls and **IOA and IOC policies**.
- Participated in a team project to deploy **CrowdStrike across 1400+ endpoints**, including configuration and optimisation of endpoint security.
- Assisted in incident response activities, supporting resolving security incidents and managing **host group configurations**.
- Implemented and managed **USB policies** to control data transfer and enhance endpoint security.

SKILLS

• Technical Skills

Endpoint Security, Network Configuration & Management, Firewall & VPN, Troubleshooting, Malware Analysis, Intrusion Detection, Python Scripting, and Data Analytics, Vulnerability Analysis.

• Soft Skills

Leadership, Teamwork, Time Management, Attention to Detail, Problem-Solving.

• Tools

CrowdStrike EDR, Pal Alto firewall, Linux, Shell (Bash), Wireshark.

EDUCATION

➤ Master of Computer Applications- Cyber Security (M.C.A)

Aug 2023 - Current

DY Patil International University, Pune

➤ Bachelor of Computer Application (B.C.A)

(8.99 FGPA) Jun 2020 - 2023

Fr. Agnel College of Arts and Commerce, Pilar

LICENSES & CERTIFICATIONS

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|---|------------|
| • Certified Cybersecurity | Nov 2024 |
| Issued by ISC2 | |
| • Google IT Support | Dec 2024 |
| Issued by Coursera | |
| • Junior Cybersecurity Analyst Career Path | April 2024 |
| Issued by Cisco | |
| • Google Cybersecurity | April 2024 |
| Issued by Coursera | |
| • Ethical Hacker | April 2024 |
| Issued by Cisco | |
| • Mastercard Cybersecurity Virtual Experience Program | March 2024 |
| Issued by Forage | |

PROJECTS

Mobile FornXpert

- Developed a user-friendly GUI for data extraction from Android devices.
- Integrated malware detection for identifying potential threats.
- Ensured thorough security analysis of all extracted data.
- Enabled extraction of diverse data types (call logs, contacts, SMS, media files, etc.).

QR-Enabled Food Ordering System

- Managed customer and food item information, ensuring data integrity and confidentiality.
- Implemented encryption for sensitive data to protect customer information and transaction details.
- Validated all fields to prevent unauthorized access and incorrect data entry, applying secure coding practices.
- Designed and enforced access control policies to restrict unauthorized access.
- Implemented multi-factor authentication (MFA) to enhance user authentication and secure system access.

Web-Based Application Development using RFID Technology

- Developed a web-based app with RFID tech for secure data transmission.
- Collaborated with teams to address security vulnerabilities.
- Implemented robust security measures and an intuitive UI in front-end design.

AWARDS

- **2nd place in a state-level** Intercollegiate web page designing competition.
- NCC- C Certificate.
- NCC-B Certificate.

LANGUAGES

English, Hindi, Marathi, Konkani

EXTRACURRICULAR ACTIVITIES

NCC Volunteer

- Active participant in NCC activities, including drills, camps, and community service.
- Demonstrated leadership, discipline, and teamwork.
- **Achieved B and C NCC Certificates** within NCC.

Student Council Member

- Elected by peers to collaborate on student-led initiatives.
- Addressed school issues affecting students.
- Organized school events and activities.
- Developed essential soft skills, including leadership, communication, and decision-making.

HOBBIES

Cycling, Photography, Tracking, Playing Chess.