

# Kartik Tripathi

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## SUMMARY

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- B.Tech in Computer Science, specializing in Cyber Security at SRM IST.
- Skilled in identifying and mitigating security threats; committed to safeguarding digital assets.
- Strong foundation in networking, protocols, security mechanisms, and infrastructure protection.
- Continuously learning industry trends to stay at the forefront of cyber security.

## SKILLS

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**Cyber Security** : Network Security, OS, Incident Response, Threat Analysis, it infrastructure management

**Programming**: Python (API, Network Programming), Bash, Shell, JavaScript, Html, CSS

**Tools**: MongoDB, Git, Encryption algorithms, SOC, SIEM, Linux, Active Directory, Kerberos, NIST, C2, Firewall, EDR, IDS, IPS

## PROJECTS

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### Personal Portfolio Website

link : <https://tripathikartik20.github.io/kartiktripathi>

- Personal portfolio site showcasing projects and skills.

### Ransomware Firewall System (CLI-Based)

Link: <https://github.com/tripathikartik20/ransomware-firewall>

- Command-line firewall detecting and blocking ransomware.

### Keylogger-Based Network Monitoring System

link : <https://github.com/tripathikartik20/Advanced-Keylogger-for-industrial-educational-use>

- Network monitoring system with secure keylogging and anomaly alerts.

### Common Task Triggers

Bash : <https://github.com/tripathikartik20/Common-Task-Triggers>

- Each script serves a specific purpose, ranging from system maintenance to monitoring and automation tasks.

## EXPERIENCE

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### Full Stack Developer Intern at Brop.in, Brop.in

*Feb 2023 - Aug 2023*

- Developed and optimized web applications with HTML, CSS, JavaScript, React, Node.js, MongoDB.

### Database Security , Brop.in

*Jul 2022 - Feb 2023*

- Enhanced database security, performed vulnerability assessments, and conducted regular audits using Threat Analysis Tools and Techniques.

## EDUCATION

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### B.Tech, Computer Science and Engineering - Cyber Security

*Aug 2020 - Aug 2024*

SRMIST, Ramapuram

GPA: 8.5

### 12th grade, PCM

*Mar 2018 - Mar 2019*

Dayawati Modi Academy

Percentage: 65

### 10th Grade, -

*Mar 2016 - Mar 2017*

Dayawati Modi Academy

GPA: 7.4