

# VISHAL RAWAT

## Software Engineer



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<https://github.com/VishalRawatt>



[LinkedIn](#)



448, Sector 2B, Vasundhara,  
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[Portfolio](#)

## EDUCATION

### B.Tech, ABES Engineering College (AKTU)

CSE (AIML) Percentage(75%)

2021-2025

### 12th, Sun Valley International School(CBSE)

Percentage(86.33%)

2018-2020

### 10th, Sun Valley International School(CBSE)

Percentage(85.33%)

2016-2018

## PROJECTS

- Netflix Clone (MERN Stack, JWT , Bcrypt, AES Encryption and Firebase Storage)
- BitGrad Secure webapp (Mern Stack + Firebase Login Authentication + Data Encryption)
- WorldNews website (React.js and RestAPI)
- CureCancer Website (HTML,CSS, Javascript, jQuery, Rest API , chatbot integration using AI tool Botpress)

## TECHNICAL SKILLS

- |              |              |
|--------------|--------------|
| • Kali/Linux | • Encryption |
| • C, C++     | • React.js   |
| • Python     | • Node.js    |
| • TCP/IP     | • SQL        |
| • AWS        | • Javascript |

## TOOLS

- |               |             |
|---------------|-------------|
| • Nmap        | • Git       |
| • Metasploit  | • Wireshark |
| • Postman API | • PyCharm   |
| • Burp Suite  | • Autopsy   |

## CONCEPTS

- |                    |                     |
|--------------------|---------------------|
| • Threats          | • Incident Response |
| • Vulnerabilities  | • Security Policies |
| • Exploits         | • Compliance        |
| • Defense in Depth | • Cryptography      |
| • Risk Management  | • Digital Forensics |

## INTERSHIPS

2 month internship in WorIn Well (HTML, CSS, JS, jQuery, Bootstrap, Php and MySQL)

## SUMMARY

I am a Software Engineer with expertise in cybersecurity, network security, and web security. Skilled in Kali Linux, Nmap, Burp Suite, and Metasploit, I analyze threats, perform penetration testing, and implement security measures to protect systems from cyber threats.

## PROFESSIONAL INTERESTS

- Exploring Emerging Technologies
- Participating in Hackathons
- Conducting Research on Industry Trends
- Enhancing Cross-functional Collaboration Skills
- Exploring Opportunities for Process Optimization

## CERTIFICATIONS

- DUCAT , MERN Stack course completion certificate (2023)
- ABESEC, Participation in IEEE conference certification (2023)
- WorIn Well, Web Development Internship Completion (2022)
- Hackfest'24 at IIT(ISM) Dhanbad, participation certificate (2024)

## MOST PROUD OF

- Won Best Research Paper in ICRTICC Conference which was held in Galgotias College of Engineering and Technology
- Achieved top 20 position in HACKFEST'24, held at IIT (ISM) Dhanbad.

## PUBLICATIONS

### Smart Glasses for Blind people using Object Detection (IEEE)

Vishal Rawat and Samrat Sharma

2023 [ieeexplore.ieee.org/](https://ieeexplore.ieee.org/)

### Securing Assistive Smart Glasses: A framework for Mitigating Cybersecurity Threats(ICRTICC)

Vishal Rawat and Samrat Sharma

2025