

# GURSHAAN SINGH GILL

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Victoria BC | 672-855-5737 | [gurshaangill@uvic.ca](mailto:gurshaangill@uvic.ca) | [Portfolio](#)

## Objective

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Dedicated technology enthusiast seeking roles in threat analysis, penetration testing, and security architecture to contribute innovative solutions for safeguarding organizational assets.

## Education

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### University of Victoria

Master in Telecommunication & Information Security  
Sept 2023 – Current | Victoria, BC

### Vellore Institute of Technology

Bachelor of Computer Science and Engineering  
Aug 2019 – Aug 2023 | Bhopal, India

## Skills & Competencies

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**Programming Languages:** HTML, CSS, JavaScript, React.js

**Security Practices:** Threat Analysis, Vulnerability Assessment, Incident Response, Intrusion Detection, Network Security

**Tools & Systems:** UNIX, Windows, GitHub, Node.js, Firebase, Snort, IPTables

## Projects

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### Advanced Network Security Project

Feb 2024 – Apr 2024

- Part of a team that enhanced network security by employing advanced intrusion detection and prevention techniques.
- Developed custom Snort rules and configured IPTables to protect against sophisticated cyber-attacks.

### Digital Portfolio

Sept 2023 – Jan 2024 | Hosted on Netlify

- Developed a portfolio website using React.js with UI design and animations.
- Integrated GitHub links and resume, including direct download functionality.

### Insertus Web Application

Jan 2023 – May 2023

- Designed a web application to provide learning content and predict student placement chances.
- Developed features like user login, content integration from other websites using iframe, and security enhancements like password hashing.
- Worked in collaboration with the VIT Bhopal University placement cell.

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## Professional Experience

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### Front End Developer Intern

Prograd, India

Developed front-end for web applications using HTML, CSS, JavaScript, and React; focused on improving UX/UI for increased user engagement.

## Achievements

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- 7th ranked air rifle (peep site) shooter in state (2017)
- Won college prize in electronics (2017)
- Got 'S' grade in project exhibition I and II (2020 – 21)
- Got 'A' grade in Engineering Project in Community Service (2021)
- Received A grade in Selected Topics in Secure Comm: Firewalls and Intrusion Prevention Systems
- Received A grade in Selected Topics Comp Engineer: Iot: Analytics and Security
- Received A+ grade in Practice of Information Security and Privacy

## Extracurricular Activities

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- Participated in Music Competition (Jun 2019)
- Participated in Front End Marathon by CodeCademy (June 2021)
- Completed Coursera Certification of Bits and Bytes of Computer Networks (Nov 2021)

## Hobbies

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- Video Games - Valorant, Apex Legends, Age of Empires IV, Civilisation VI, Forza Horizon 5
- Listening music

## References

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Available upon request

## Languages

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English, Hindi, Punjabi