NIKHIL KAUSHAL

LinkedIn: https://www.linkedin.com/in/nikhil-kaushal20/

Github: https://github.com/NikhilKaushal20

Email: nikkaushal20@gmail.com

Mobile: +918894725284

SKILLS

- **Languages**: Python, C++, Java, JavaScript
- **Frameworks**: HTML and CSS
- **Tools/Platforms**: AWS, Selenium, Jenkins, Eclipse, Git, Katalon
- **Soft Skills**: Problem-Solving, Team work, Adaptability
- **Domain:** Software Testing, DevOps

TRAINING

Cybersecurity – CipherSchools   May 2024 – July 2024

- ❖ Gained hands-on experience in **Cybersecurity Fundamentals, Network Security, Firewall Implementation, and Penetration Testing**.
- ❖ Worked on **vulnerability assessment** and **secure network configurations**.
- ❖ Developed a **Firewall Implementation Project** to **enhance network security** and **mitigate cyber threats**.

PROJECT

ADVANCED FIREWALL IMPLEMENTATION PROJECT

- **Developed a firewall application** to manage network traffic securely, featuring authentication, rule-based filtering, and dynamic blacklist/whitelist management.
- **Implemented security mechanisms** such as packet validation, IP-based traffic filtering, and predefined rule management for enhanced protection.
- **Utilized design patterns** (Strategy, Factory, Singleton) for scalability and efficiency in handling security rules.
- **Built using Python 3.12 & Flask**, featuring a user-friendly web interface for real-time monitoring and rule configuration.
  https://github.com/NikhilKaushal20/Advanced-Firewall-Implementation-project

PYTHON PROJECT

- Created a simple game utilizing Python's random module.
- Implemented randomized logic for dynamic and engaging gameplay.

CERTIFICATES

- Completed "Cyber Security – Live"
- Completed "GenAi for Everyone"
- Build AI Apps with ChatGPT, Dall-E, and GPT-4 - Coursera
- Introduction to software Engineering

EXTRA CURRICULAR ACTIVITIES

Environmental Training – Himachal Pradesh Forest Department

- Learned about plantation processes, ecological zones, and environmental protection methods.
  Gained insights into afforestation and biodiversity conservation.

EDUCATION

Lovely Professional University   Phagwara Punjab
Bachelor of Technology - Computer Science and Engineering   *Since August 2022*

Government Senior Secondary School   Badhal Thore, Himachal Pradesh
Intermediate; ***Percentage: 81%***   *2022*

Saraswati Vidya Niketan   Batwar, Himachal Pradesh
Matriculation; ***Percentage: 87%***   *2020*