

# Kushagra Negi

I am pursuing Masters in Cybersecurity from University of Delaware focusing on secure software design through offensive security (binary exploitation). I regularly take part in CTFs as a BlueHens team member. I have academic experience in setting up a Linux server and hardening it. I am open to any opportunity in Cybersecurity domain.



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[github.com/Silence-Talk](https://github.com/Silence-Talk)

## EDUCATION

### University of Delaware

*Masters in Cybersecurity*

2021-Ongoing

*Cumulative 4.0/4.0*

### University of Petroleum and Energy studies

*Bachelor of Technology, Computer Science Engineering*

2015 – 2019

*Aggregate 63.1%*

### Aryaman Vikram Birla Institute Of learning, Haldwani

*Higher Secondary Examination,*

*Central Board of Secondary Education*

2014

*Aggregate 83.4%*

## Extra-Academic Activities

### Participation in Capture the flags

- Participation in various Capture the flags as a Part of “BlueHens” team in web exploit domain. **(August 2021 – December 2021)**  
My Few solutions link: [YouTube](#)
- Participation in various CTFs as a Part of BlueHens team in x86 binary exploitation. **(February 2022 – Present)**  
GitHub few CTF solutions: [Link](#)  
Experience in Buffer/stack overflows, ROP chains, SROP, python etc.

### Troubleshooting Technician (part-time)

#### – at University of Delaware - IT (April 2022-Ongoing)

- Main responsibility including troubleshooting client’s pc/smartphone, configure their devices to connect to university networks.
- Got experience with working on ticketing system.

## CERTIFICATES

- Unlocking Information security Course Part I(verify [here](#)) and II(verify [here](#)) on edx (Tel Aviv and IsraelX) (2020)
- Ethical Hacking training on Internshala certificate (verify [here](#)) (2020)

## Work Experience

### Backend developer Intern

#### – at Techosto Infotech (March 2021-July 2021)

- Worked as a backend developer Intern. Primary role was to develop backend servers for websites or develop APIs.
- Primary focus on creating robust APIs and dynamic webpages using Python, python - flask JavaScript, HTML.
- Worked with customers in various sectors like Healthcare, Public Sector.
- My responsibilities understanding customer requirements, provide solution, deliver design prototype, testing.

## SKILLS

Git

Linux/Bash

JavaScript/HTML/CSS

Radare2

Python/flask

C/C++

Ghidra

Pwndbg

Firewall-pfsense

Nessus/OpenVAS

Suricata

Docker

VMware/WSL

## **Intel Remote Internship**

– **Intel Remote (May 2018 – August 2018)**

- Worked in the Remote Internship Program in Artificial Intelligence- Machine Learning.
- Primary focus was to Create a movie recommendation system using KNN algorithm in Python using Pandas with good accuracy

## **PROJECTS**

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### **A simple Chat app**

– **using JavaScript, Html, CSS, and Firebase (August 2021 – December 2021)**

- A simple Chat app with HTML, CSS, JavaScript as frontend and firebase as backend.
- Primary goal was to implement webapp hardening techniques such as input sanitization, OAuth, RBAC.
- Fully working interface with Sign in / Sign Up using email.
- Add/Remove friends using their IDs.

## **Open Source Projects (In progress)**

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### **WhatsApp automation bot:**

- A Whatsapp automation using selenium and chrome webdriver.
- Can automatically read a CSV file and send a custom message