

Aryan Kumar Upadhyay

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## Career Objective

Seeking a challenging role that allows me to leverage my technical expertise, problem-solving skills, and creativity to contribute to cutting-edge projects and **further develop my career in cybersecurity**, web development, and IT innovation.

## Professional Summary

Dedicated and highly skilled IT professional with a strong background in ethical hacking, Python and Django development, web penetration testing, and prompt engineering. I am a passionate freelancer with a proven track record of delivering high-quality projects. I also actively mentor and guide individuals in the IT sector, helping them carve out successful career paths.

## Work Experience

### 1. Internship:

- Company: EVE Healthcare Pvt. Ltd.
- Duration: May 2023 – July 2023
- Accomplishments:
  - Collaborated on live website development, implementing features such as a search bar using Python.
  - Designed and seamlessly integrated a dashboard template into a live Django website, resulting in improved user experience and engagement.

## 2. Freelancing:

- Client: Greencurve Securities
- Project: Website Design and Animation
- Accomplishments:
  - Successfully revamped the client's website with captivating animations, enhancing its visual appeal and user engagement.

# Projects

## Hacking Projects:

### 1. ARP Spoofer

- Description: Implemented ARP spoofing techniques for network security testing.
- Accomplishments: Recognized for enhancing network security and identifying vulnerabilities.

### 2. Packet Sniffer

- Description: Developed a packet sniffer tool for network analysis.
- Accomplishments: Facilitated network analysis and improved data security.

### 3. Network Scanner

- Description: Created a network scanner tool for identifying vulnerabilities.
- Accomplishments: Improved network security by identifying and addressing vulnerabilities.

### 4. MAC Changer

- Description: Developed a MAC address changer for enhanced privacy.
- Accomplishments: Increased privacy and security by allowing users to change MAC addresses.

## Web Development Projects:

### 1. CodeXploit (Social Tech Platform)

- Description: Designed and developed a social platform for tech enthusiasts to showcase their projects and facilitate collaboration.
- Accomplishments: Established a thriving tech community and enabled collaborative project development.

### 2. Omnifood Web Design (Recreation)

- Description: Redesigned the Omnifood website with a focus on promoting healthy eating and user engagement.
- Accomplishments: Improved user experience and contributed to promoting a healthy lifestyle.

### 3. Django PaySlip Generator

- Description: Developed a web-based payment slip generator using Django.
- Accomplishments: Streamlined payroll processes and enhanced efficiency.

### 4. My Portfolio Website (Live)

- Description: Created and maintain my personal portfolio website, which is live at <https://codexploit.netlify.com>.
- Accomplishments: Showcased a collection of successful projects and achievements.

## Mini Projects:

### 1. File Compressor GUI

### 2. Todo List Web App (Live)

### 3. Secure Password Generator

### 4. Image to Grayscale Converter Web App (Live)

5. File Extractor GUI
6. YouTube Video Downloader
7. Height to Meter Converter GUI

## Skills

- Proficient in GIT Version Control
- Prompt Engineering
- Expertise in OWASP Top 10
- Strong Web Development Skills
- In-depth Knowledge of Data Structures and Algorithms
- Experienced with Kali Linux
- Web Scraping Expertise
- Social Engineering Skills
- Malware Development
- Troubleshooting with Networking Proficiency
- Comprehensive Security Analysis
- Proficient in File Handling

### Languages

- Python
- Bash
- JavaScript
- SQL
- HTML/CSS
- Kotlin
- PHP
- Django

### Tools

- Burp Suite
- Nessus
- Nmap
- Metasploit
- Visual Studio Code
- ChatGPT
- Midjourney
- Bootstrap
- PyCharm
- VirtualBox

## Certifications

1. Ethical Hacking from Scratch by zSecurity
2. Python and Django Developer by Inteligenes Technologies
3. Introduction to Cybersecurity by Palo Alto

## Education

### Graduation:

- Bachelor of Science (Hons.) in Computer Science at Galgotias University, Delhi NCR
- 2021-2024
- CGPA: 7/10

### Higher Secondary Schools:

- Commerce With Math's at Private Schooling
- 2019-2020
- Percentage: 72%