

# Owais Shariff

## Cybersecurity Intern

I am a dedicated computer science student with a focus on cybersecurity, aiming to become proficient in safeguarding digital systems and data. I am resolute in my dedication to remaining at the forefront of technological advancements and consistently enhancing my expertise in this ever-changing domain.

### EXPERIENCE

#### PiLiot, Vellore, Tamil Nadu

##### *Web Design and Development Intern*

October 2022 - December 2022

- Contributed to the development of projects during an internship.
- Collaborated with a team to create intuitive and visually appealing user interfaces.
- Applied user-centered principles to enhance website functionality and accessibility and conducted thorough user research to inform design decisions.
- Developed responsive layouts and integrated interactive elements for improved user engagement.

### VOLUNTEERING

#### Becoming I Foundation, Vellore, Tamil Nadu

##### *Board Member - Tech Head*

December 2021 - Present

- Served as an Educator and the Head of Technical Operations at Becoming I Foundation (BIF), an NGO focused on providing free, high-quality education to underprivileged children.
- Developed and implemented technological solutions to enhance operational efficiency, including the creation of portals and automation scripts & algorithms.
- Contributed to BIF's partnership with institutes like St. Jude's, leveraging technology to facilitate collaboration and support fundraising efforts.

### PROJECTS

#### *Email Spam Classification Extension*

Developed a Chrome Extension with Manifest v3 and a Machine Learning Model in Python that classifies undetected spam mail.

#### *Credit Card Fraud Detection API*

Deployed a Fraud Detection ML model as Public API using FastAPI and Ngrok in Google Colaboratory

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### EDUCATION

#### Vellore Institute of Technology (VIT)

3rd Year Student - B.Tech in Computer Science with Spl. in Information Security

### CERTIFICATIONS

- EC-Council CEH v12
- CompTIA Security+ (In Progress)
- Google Cybersecurity Professional
- (ISC)<sup>2</sup> Systems Security Certified Practitioner

### SKILLS

- **Penetration Testing:** BurpSuite, OWASP ZAP, Wireshark, Nessus, Nmap, QRadar, Splunk, Snort, Metasploit etc
- **Web Technologies:** NextJS, React, Node, Flask, Git, MongoDB, SQL
- **Languages:** C, C++, Python, Javascript

### RESEARCH

- "Beyond the Quantum Threat": A paper on post-quantum cryptography & analyzing cryptographic algorithm implementations for secure wireless communication protocols.

### COURSES

- Bug Bounty & Web Security Testing
- AI for Cybersecurity - IBM QRadar