

Disha Phatta

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EXPERIENCE

Cybersecurity Intern

August 2023 – July 2024

Drona Pay Private Limited

Mumbai, India

- Conducted weekly security operations, including phishing alerts, SOC alerts, and over 40+ other security events.
- Performed technical assessments and penetration testing on 30+ commercially developed web applications and mobile systems.
- Designed a monthly training program to enhance the IT security skills and technological proficiency of 50+ staff members.
- Developed a virtual desktop infrastructure, enabling over 2,400 users to securely access applications remotely within the organization's network via the cloud.

Junior IT Support Technician

April 2022 – March 2023

Balaji Cyber Cell

Mumbai, India

- Enhanced data security by implementing a multi-factor authentication system, reducing password breaches by 75%.
- Successfully installed and configured computer systems, diagnosed hardware/software faults and solved technical problems.
- Assisted in the creation of an effective disaster recovery plan, improving company's readiness against potential IT incidents
- Managed and secured firewall access across the organization, reducing unauthorized access by 55%

Project Engineer Trainee

July 2021 – December 2021

Welpo India Private Limited

Mumbai, India

- Delivered 10 high-value projects with 4 projects worth over 4.5L individually.
- Partnered with 20+ contractors to execute six projects on time, reducing costs by 29% compared to competitors.
- Supervised 23 engineers, enhancing productivity by 20% and saving 45 man-hours monthly.
- Collaborated with 5 project managers, and 3 cross-functional team members by giving technical support and assistance.

PROJECTS

Visual Packet Tracer | *Python, Wireshark*

February 2024 – April 2024

- Developed a Python tool to visualize Wireshark captured traffic on Google Maps by processing IPs and generating KML files.
- Enabled real-time geographic tracking of network data flow, enhancing network security analysis and threat detection.
- Improved data visualization for network analysts by automating mapping features for better traffic insights.

Secure File | *Typescript, Python*

October 2022 – February 2023

- Built a file encryption and decryption web application using TypeScript and React to safeguard sensitive data.
- Implemented robust security protocols to ensure data confidentiality and integrity in a fast-paced environment.
- Demonstrated expertise in secure application development and user-friendly interfaces.

Web Sculptor - Generative AI Based Comprehensive Web Development Framework |

ReactJS, JavaScript

September 2023 – January 2024

- Developed a UI Builder platform for 3D-animated web interfaces, improving design efficiency by 30%.
- Utilized HTML, CSS, JavaScript, and MariaDB for efficient code generation and backend data management.
- Streamlined ReactJS development and improved design suggestions by 20% with AI-driven templates.

TECHNICAL SKILLS

Networking: Cisco Networking, LAN/WAN, VPN, Firewalls, Network Auditing, TCP/IP protocols

Programming: Python, SQL, Bash/Shell Scripting, PowerShell, C/C++

Security: Intrusion Detection, Ethical Hacking, Penetration Testing, Risk & Vulnerability Assessment, Incident Response

Tools: Wireshark, Nessus, Snort, Nmap, Metasploit, Microsoft Office Suite

Other Skills: Cryptography, Cybersecurity & Threat Protection, Security Audits, Cloud Computing, Big Data Processing

CERTIFICATIONS & PUBLICATIONS

Publications: Co-authored *Web Sculptor - Generative AI-Based Comprehensive Web Development Framework*, published by IEEE, showcasing advancements in AI-driven web development.

Certifications: Cisco Certified Cybersecurity Essentials, AICTE Data Analytics Virtual Internship

EDUCATION

Stevens Institute Of Technology - Present

Hoboken, NJ

Master of Science in Cybersecurity

September 2024 – May 2026

A.P Shah Institute Of Technology - CGPA 8.64

Mumbai, India

Bachelor of Engineering in Information Technology with Honors in Cybersecurity

September 2020 – May 2024