

Divyansh Tripathi

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EDUCATION

Amity International School

2019 - 2021

XI - XII

Manipal University Jaipur

2021 - 2025

Bachelor of Technology

(Computer Science and Engineering)

EXPERIENCE

Security Analyst (Aithent Technologies Private Limited.)

May 2023 - July 2023

- Interned as a Security Analyst in Aithent Technologies Private Limited.
- Contributed to performing vulnerability assessment and penetration testing for various targeted web applications.
- Learned to prepare pentest reports and escalate incidence through tickets
- Learned a lot about incident response and experienced working with Splunk(SIEM) tool.

Web Development Intern (The Sparks foundation)

Jan 2023 - March 2023

- Worked as Web development intern at sparks foundation
- Built a responsive site for the underprivileged responsible for donations and a backend-secured banking site
- Learned and worked with various CSS and JS frameworks such as tailwind CSS and next.js

Bug Bounty and Capture the flag (HACKTHEBOX)

- Participated in various CTF competitions on HACKTHEBOX, and managed to secure third place twice.
- Have also participated in bug bounty programs as a form of freelancing

PROJECTS

Port Scanner

- Built a Python script that scans for open ports on a target host
- User-friendly port scanner that provides all relevant information about the targeted address

Cyber Attack-Detection

- Trained a model using machine learning to predict and classify abnormal network traffic
- Evaluated performance on different parameters with decision tree classifier

BlucioBot

- Built a keylogger that can record keystrokes, capable of classifying URLs
- Also takes periodic screenshots and saves the results to an output file

ACHIEVEMENTS / ACADEMIC PROJECTS

INTERNATIONAL HACKATHON WINNER

Smart Healthcare Software

- Secured second place in MUJHACKX, an international hackathon conducted, won 50K prize money.
- Built an intelligent database retrieval system that uses face recognition, hand gesture and voice detection.
- Also secured first place in Turing Sapiens hackathon, winning a prize of 15k, built "HandWAVE", a software solution for the disabled

Research Paper

Network Anomaly Detection using Machine Learning

- Published Research paper on the topic "Network Anomaly detection using Machine Learning".
- Emphasized the use of machine learning in cybersecurity, trained a classifier model on a network attack dataset and compared the accuracy.

ADDITIONAL

- Certifications: Google Cybersecurity Certificate, IBM's Getting Started with Enterprise-grade AI
- Technical Skills: C++, Python, Machine Learning, Cloud Computing, Front End Web Development, Networking
- Language Skills: English (Business Professional), Hindi (Native).