ADIT VATS

Greater Noida, Uttar Pradesh, India

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EDUCATION

B-Tech in Artificial Intelligence & Machine Learning (AI-ML)　　　　　**June 2020 – July 2024**
Greater Noida Institute of Technology (AKTU)　　　　　*Greater Noida, UP*

EXPERIENCE

Cyber Security Intern　　　　　**April 2024 - Present**
CodeAlpha　　　　　*Greater Noida*
- Captured and Analyzed logs for 5+ Systems and performed 5+ Penetration Tests.
- Engineered Keylogging Software with 96% Precision rate.

SOC Analyst Intern　　　　　**April 2024 - April 2024**
CFSS　　　　　*Greater Noida*
- Analyzed logs for 7+ Forensic investigations and performed 15+ Malware Analysis.
- Engineered Network Sniffing Software with 99% accuracy rate.

System Analyst Intern　　　　　**July 2023 - Oct 2023**
National Informatics Centre, MeitY　　　　　*New Delhi*
- Executed 5+ vulnerability assessments and 10+ penetration tests.
- Streamlined processes resulting in a 20% increase in operational efficiency.
- Crafted 5 Android malware applications, illustrating versatility and adept communication.

Digital Forensics Analyst Intern　　　　　**May 2022 - July 2022**
Uttar Pradesh Police　　　　　*Greater Noida*
- Analyzed 10+ cases of Phishing Emails and electronic evidence, uncovering security breaches.
- Orchestrated thorough examinations on 5+ digital devices, extracting and preserving data evidently.
- Performed data analysis, resulting in a 30% improvement in investigative efficacy within the realm of digital forensics.

PROJECTS

Network Sniffer : Packet Insight Suite | *Python*　　　　　**April 2024**
- Python network monitor for real-time packet analysis.
- Achieved a 99% accuracy rate in detecting and analyzing anomalous network behavior.

Stealthify Software : Secrets Within Pixels - Steganography Project | *Python*　　　　　**Feb 2024**
- Implemented LSB technique for seamless secret data embedding in more than 25 digital images.
- Achieved 90%+ embedding efficiency while preserving image quality.

HackSpace Software : Comprehensive OSINT Solution for Website Intelligence | *BeautifulSoup*　　　　　**Feb 2024**
- Pioneered advanced website OSINT software, enabling a 50% increase in intelligence gathering precision.
- Empowers users to gather 88% relevant and filtered information about target websites.

Utilizing the Prophet Model for Advanced Weather Forecasting | *Python, ML*　　　　　**Jan 2024**
- Integrated logistic regression in Prophet Model for precise weather forecasting, enhancing data analysis.
- Produced 25-page research paper in a prestigious journal. Applied Facebook's Prophet Model.

Thermal Conductivity-Enhanced Polygraph System Leveraging Machine Learning | *Python, Arduino*　　　　　**Feb 2023**
- Engineered Python-based software using Machine Learning for Polygraph testing. Collaborated with a team of 4 .
- Published research in AKGEC International Journal of Technology.

CERTIFICATIONS

- CFCT+
- CompTia Security+
- CISSP
- CCSP
- ISO 27001
- DFE
- Red Teaming EHPT+
- Penetration Testing
- Cyber Forensics

SKILLS

- SIEM (LogRhythm, Splunk)
- VAPT (Wireshark, BurpSuite)
- Forensics (Autopsy, FTK)
- Email Analysis (Xtraxtor)
- Log Analysis (GrayLog)
- Exacting
- Time Efficient
- Navigated
- Communication

ACHIEVEMENTS

- Devised RATs that evaded major antivirus programs like Google Play Protect, Avast, McAfee, and AVG. They scored 1 out of 50 on VirusTotal, indicating minimal detection by top antivirus solutions.
- Coordinated Cyber Security and Data Analytics workshops for 300 students, addressing trends, threats, and methodologies. Utilized AI and tools, achieving 90% participant satisfaction.
- Enhanced resume with a curated portfolio, showcasing achievements and expertise.