SAI MANOHAR AVADHANULA

DIGITAL FORENSIC ANALYST
Telangana | INDIA
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Dynamic and results-driven professional with a versatile background in digital forensics, cybersecurity, criminal justice and forensic psychology. Demonstrated expertise in conducting thorough investigations, implementing robust security measures and enhancing operational efficiency across diverse environments. Proficient in leveraging cutting-edge technologies and methodologies to mitigate risks, optimize processes and achieve organizational objectives. Adept at collaborating with interdisciplinary teams and stakeholders to drive project success and deliver exceptional results.

SKILLS

- Investigation
- Evidence Collection
- Defensive Security
- Data Recovery Management
- Reporting & Documentation
- Analytical Skills
- Criminal Investigation
- Cyber Crime Investigation
- Crime Scene Investigations
- Data Analysis
- Fraud Detection & Analytics
- Interpersonal Skills
- Case Management
- Security Management
- Security Essentials
- Malware Detection
- Technical Proficiency
- Communication Skills

PROFESSIONAL EXPERIENCE

Private Investigator | Freelancer (Self Employed) **Jun'22 – Feb'24**
Key Responsibilities:

- Conducted Root Cause Analysis investigations, swiftly resolving underlying issues and providing long-term security enhancements.
- Demonstrated expertise in Azure-specific cybersecurity strategies, ensuring robust protection for client data and systems.
- Maintained compliance with regulatory requirements through meticulous oversight of governance frameworks and proactive policy adjustments.
- Utilized marketing and administrative skills in digital forensic investigations to analyze artifacts and identify security vulnerabilities, enhancing client confidence.
- Collaborated with government agencies and stakeholders, navigating complex regulatory landscapes and facilitating seamless communication for legal proceedings.

Security Analyst (Trainee) | Tracelay | Bengaluru **July 2023 – Sept 2023**
Key Responsibilities:

- Implemented NG-SIEM/XDR and EDR technologies, **reducing incident response time by 30%** and **decreasing security incidents by 25%.**
- Enhanced **incident response capabilities by 40%** through the utilization of advanced EDR tools, including Rapid 7, McAfee Trellix, VMware EDR, Sophos and Sysdig.

Digital Forensic Intern | Dot- C Technologies Pvt.Ltd | Hyderabad **Feb'23 – May'23**
Key Responsibilities:

- Unleashed the power of ProDiscover Pro for navigating the digital labyrinth, leading to groundbreaking evidence gathering in cybercrime cases and a **20% surge in successful prosecutions**.
- Mastered the art of digital investigation, wielding Yara rules like a cyber-sorcerer to unveil hidden malware and dissect Windows artifacts with surgical precision.
- Engineered a digital fortress, harnessing the forces of SOC fundamentals and cutting-edge tools such as MD-Video, Kali Linux, Encase and Oxygen Forensics, resulting in a **15% reduction in response time to cyber threats.**
- Delved into the digital underworld with tools like Autopsy-Sleuth Kit and OS Forensics, leaving no byte unturned in the pursuit of truth and justice.
- Embarked on pre-sales expeditions, crafting tailored solutions and guiding clients through the maze of digital security with finesse and expertise.
- As the captain of a digital expedition, led a team of 8 interns through uncharted territories, nurturing their talents and forging a band of elite cyber-sleuths.

Criminal Justice And Forensic Psychology Intern Evidence Analytica | Bengaluru **Jun'21 –Jul'21**
Key Responsibilities:

- Led routine research, investigations, and special projects, elevating operational efficiency by a commendable 20%.
- Amplified project success rates by an impressive 30% through seamless collaboration with interdisciplinary teams, aligning efforts with departmental objectives.

- Gained invaluable insights by shadowing seasoned professionals, enriching understanding and skill set in criminal justice and forensic psychology.
- Demonstrated exceptional organizational proficiency in assisting program activities, ensuring smooth execution and delivery of initiatives.
- Slashed processing time by an outstanding 35% through adept management of administrative tasks related to crime investigation and psychological profiling of offenders.
- Contributed to the field of lie detection, enhancing accuracy by a notable 30% through dedicated research and practical application.

E-DISCOVERY TOOLs

- Knovus
- Prediscovery
- Casext
- Nuix
- Relativity
- Everlaw
- DART
- iPro

EDR/XDR AND MONITORING TOOLs

- Rapid7
- Sophos
- Nessus
- Cisco (ISE)
- Splunk
- Sentinel One
- AD-Miner
- Of ice 365 suite
- Open source tools
- Mcfee
- Sysdig
- Palo Alto
- Checkpoint
- Active Directory
- Redline
- Wireshark
- Defender and Azure Security
- VMware EDR
- Azure (Cloud)
- Fortinet
- Forcepoint Proxy
- Waazu
- TEP Dump Analyzer
- Burp Suite
- Multiple github Repositories

DIGITAL FORENSIC TOOLs

- EnCase
- X-ways
- FTK Suite
- OSForensics
- Falcon
- Volatility
- Mobilegit Pro
- Oxygen Forensics
- MD Video
- ProDiscover Pro
- SIFT
- IDA Pro
- 4N6 Mail Backup
- TSK
- MBOX converter
- Autopsy-Sleuth Kit
- Open source tools
- Tabulae physical Extractor
- Multiple github Repositories
- UFED Cellebrite (physical analyser and other)

ACADEMIC QUALIFICATIONS

- Bachelors in Forensics, Genetics & Chemistry | Garden City University, Bengaluru, 2023
- High School (PUC, State board of Telangana) | Krishnaveni Junior College, Khammam, Telangana, 2019
- Secondary (Matriculation, State board of Telangana) | Sri Chaitanya e-Techno School, 2017

CERTIFICATIONS

- Cybersecurity Foundations, Linkedin Learning 2024
- Cybersecurity Awareness: Cybersecurity Terminology, Linkedin Learning 2024
- The Cybersecurity Threat Landscape, Linkedin Learning 2024
- Computer Hacking Forensics: Investigator (CHFI) Cert Prep, Linkedin Learning 2024
- Certificate of Training & Internship (2 Months + 1 Month - Cybersecurity Analyst), Wayspire 2023
- Security Analyst Internship & Training Certification, Tracelay 2023
- Online Internship in Crime Scene And Digital Forensics, Forensicspedia 2023
- Workshop on ChatGPT & AI tools, Skill Nation 2023
- ProDiscover Pro Digital Forensics Certified Professional, ProDiscover 2023
- Digital forensics, Open university 2023
- Digital forensics essentials, CodeRed – Ecouncil 2023
- Dark Web, Anonymity, and Cryptocurrency, CodeRed-Ecouncil 2023
- CISCO Labs crash course, CodeRed – Ecouncil 2023
- Basics of Python, Learn mall 2023
- SOC Training Masterclass, Learn mall 2023
- Ethical Hacking, Skill Camp 2022
- ISEA certified cyber-Hygiene practitioner, Meity Govt. India 2022

- Certified in Microsoft excel, Kodacy, and Space (NASA) 2022
- Certified private investigator, Nyayik Vigyan 2022
- Certified in digital and cyber-crime Investigation, Nyayik Vigyan 2022
- Certified in forensics science, Edu Fabrica, pulse, AIIMS New Delhi 2022
- Digital Productivity, NIIT Foundation, UNICEF 2022

EXTRA CURRICULAR

- Teaching Staff | Khammam 2020 – 2024
- Best Forensic Investigator | Cream & Pride 2022 – 2023
- NSS Squad Leader at NSS | Garden City University 2021 – 2023
- Rotaract President at Rotary club (3190) | Bengaluru 2022 - 2023

LANGUAGES

Telugu | Hindi | English | Tamil | Kannada