

# Sai Abhiram J. V.

Information Security & Intelligence Researcher

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## PROFILE

Information Security professional adept at collecting and processing Open-Source data for Strategic and Tactical requirements for Law Enforcement Agencies at National & International level via Social Media (SOCMINT) to identify potential threats to National & International Interests. Highly motivated & passionate about Open Source Intelligence with expertise in training & coordinating with Armed Forces & Ministries.

## EXPERIENCE

### Rashtriya Raksha University / Research Associate

(April 2022 - August 2022)

- Hands-on expertise in Linux server administration and handling deployments.
- Trained officers of various cadres of top law enforcement agencies, police, on Intelligence & Cybersecurity.
- Built several operational security threat reports to various agencies under the Ministry of Home Affairs & Dept. of Defence, with specialisation in Strategic & Operational intelligence.
- Speaker at various internal training sessions & part-time analyst for LEAs.
- Good expertise in building custom tools for automation in Intelligence gathering & Security using Python & Shell Scripting.

### Innefu Labs / Open Source Intelligence Analyst

(June 2020 - April 2022)

- Hands-on expertise and knowledge in proprietary OSINT/SOCMINT technology, which includes, data collection from various social media sources, profiling of suspects, criminals & militants and analysis for strategic or tactical operations.
- Brief understanding of various source integrations via API, web scraping or via 3rd-party sources.
- Trained officers of Indian Army on source intelligence & worked in several operations to identify & moderate them.
- Worked with the Ministry of Home Affairs & trained personnel on open intelligence. Also worked in operations to detect & assess adversarial activities in/around the region.
- Also worked with various international agencies on intelligence assessments & training.
- Good expertise in geo-political & military intelligence, published several reports for various Organisations.

- Also carry understanding proficiency in Cyber Threat Intelligence. Worked with NTRO & CERT-IN on APTs targeting Indian critical assets (GravityRAT).
- Good hands-on in analysing & reporting Situational intelligence reports for National Security purposes.
- Basic Linux Server Administration. (Cronjobs, Process Management & User-Group Controls)

## EDUCATION

**(Currently Pursuing) Rashtriya Raksha University - Masters of Technology in Cyber Security**

September 2022 - August 2024

**Malla Reddy College of Engineering (JNTU-Hyderabad), Hyderabad - Bachelor of Technology in Computer Science & Engineering**

June 2015 - July 2019

- Graduated as B.Tech in CSE with 63.5%

**Sri Chaitanya Junior Kalasala, Hyderabad - Intermediate (12th)**

June 2013 - May 2015

- Passed 12th Standard with 81.9%

**Triveni Talent School, Hyderabad - High School**

May 2013

- Passed 10th Standard with 9.2 CGPA

## INTERNSHIPS

**DRDO-DRDL, Hyderabad - Network Management Intern**

June 2018

- Worked on Cisco Switching & Intra-Network Troubleshooting.
- Also performed Basic Network Security Testing & Analysis on a few systems.

**ECIL, Hyderabad - Embedded C Developer**

Nov 2017 - Dec 2017

- Worked on the Home Security System with RFID.

**Freelance Contract-based Web Designer, Hyderabad - Web Designer**

Jan 2016 - Jan 2018

- Worked as Freelance & Contract based Designer for Vernal InfoTech, Hyderabad

## CERTIFICATIONS

- Certified Ethical Hacker - 2019 (CEHv10)
- ICSI Certified Network Security Specialist
- Qualys Certified Vulnerability Management
- Wireshark - Udemy
- Linux Administration & Shell Scripting - Udemy
- Complete Ethical Hacking Course - Udemy

## SKILLS

- Open Source Intelligence Techniques, Methodologies & Tools (Manual SOCMINT, OSINT Framework, Maltego, theHarvester, Spiderfoot, etc.)
- Military & Geo-Political Knowledge, SOCMINT, Counter Terrorism, Basics of APT Groups, State-Sponsored & Organized Criminal Methodology & Psychology
- Virtualization & Cloud: VMWare, Virtual Box, Docker & Basic AWS
- Scripting Languages: Python, Shell & Powershell (Basics)
- Networking: Intermediate to Advance understanding of Networking & Security concepts with Basics of Routing & Switching configurations (Cisco)
- Web Technologies: Front-End (HTML5, CSS3, Bootstrap & Basic JavaScript understanding) & Back-End (Basic Python & PHP)
- Version Control: GitHub
- Office Suites: OpenOffice (Apache), Libre Office, Microsoft Office Suite & Google Office Suite for Report Generation
- Design & Graphic Tools: Figma, Adobe Photoshop, Illustrator & XD
- Intermediate understanding in Linux Server Administration
- Security Tools & Methodology: Nmap, Wireshark, TCPDUMP, Burp Suite, Maltego, MITRE CALDERA (decent understanding in MITRE ATT&CK Framework), Metasploit, and several other tools based from GitHub.
- Brief understanding of Business Continuity & Compliances from a Security perspective.
- Brief understanding in Red-Teaming & Blue-Teaming methodologies.
- Basic to Intermediate expertise in VAPT.
- Intermediate-level Report Writing & Briefing skills.
- Motivated & Goal-oriented approach in solving problems, with good overall communication skills.

## ACHIEVEMENTS & ACCOLADES

- Speaker & Trainer at various levels for Law Enforcement Agencies & Universities.
- Interactions with highest dignitaries of the National Security fraternity including Top Military Officials.
- SME & Panellist for Indian Army Hackathon.

## RESEARCHES & MOTIVATIONS

- Developed custom Docker Image for Web Application Penetration Testing.
- CI/CD & Supply Chain security research & awareness.
- Working on Python-based Streamlit Application for Source Intelligence using various open data API integrations.
- Research on Open Source Tools for SIEM in Security Operations Center (SOC).

- Research on Purple Teaming & Comprehensive CI/CD security analysis to maximise deterrence & security of an Organization.
- Research on Network Security by understanding the best cases starting from Network Designs/Architecture, Data Flow Diagrams to User Experience.

## **HOBBIES & INTERESTS**

- Gaming
- Reading (Specific to Sustainable Future, Geo-Political & Deep State Issues, Military, Information Security & National Security issues)
- Visual Designs
- Blogging & Report Writing (as a Hobby)
- Entrepreneurship