

ABDUL SAMI MOHAMMED

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Career Objective

Certified eJPT security analyst with 1+ years of experience in threat analysis, malware detection, and log analysis. Skilled in using SIEM tools like IBM QRadar and Splunk to investigate security alerts and respond to incidents. Experienced in automating security workflows and leading vulnerability research to protect enterprise environments.

Technical Skills

- **Operating Systems** : Kali Linux, Windows, Arch Linux, ParrotOS
- **Security Tools** : Wireshark, BurpSuite, Nessus, Nmap, Nikto, Prelude Operator
- **Containerization** : Docker
- **SIEM Tools** : IBM Qradar, Splunk
- **Cloud Platform** : AWS (IAM, EC2, VPC)
- **Programming Languages** : Python, Java, C
- **Scripting Languages** : Bash Scripting, Powershell
- **Query Languages** : MySQL, AQL (IBM Qradar) , SPL (Splunk)
- **Security Skills** : Penetration Testing, OSINT, Vulnerability & Web Assessment

Work Experience

CleanStart

June 2025 – Present

Associate Security Research Analyst

Bangalore, Karnataka

- Guided security research team and increased client base by 49% by delivering clean, vulnerability-free container images.
- Created an automated scanning system combining Trivy, Trivy SBOM, and Docker Scout to check images for security vulnerabilities.
- Built Python scripts to scan for package-level vulnerabilities and automatically create Jira tickets when new GitHub packages are released.
- Worked with DevOps team to add security scans to GCP pipelines, reducing manual work and freeing time for research.
- Improved Docker image scanner to show which specific packages cause vulnerabilities, making fixes easier to implement.
- Monitored vulnerabilities in deployed versions across different clients and validated security findings to determine true positives versus false positives.
- Coordinated with software developers to report validated vulnerabilities and ensure timely remediation.
- Helped create security advisories and explained vulnerability fixes to sales team for better client communication.

Cognizant Technologies India

July 2024 – March 2025

Security Analyst

Hyderabad, Telangana

- **Collecting, analyzing and preserving** the evidence related to incidents.
- **Log analysis**, SIEM log analysis utilizing Enterprise Products.
- Ensure application availability and SLA adherence.
- Assist, coordinate with the Security Incident Handling Team (onsite projects team) and providing assistance during investigation.
- Potential to bring any possible security threats or violation of Security Policy to the notice of the Information Security Manager.
- Working on Ad-Hoc requests from customers & creating tickets on ticketing tool.
- Managing, acknowledging tickets along with resolving different issues mentioned in the ticket.

Internships Experience

Virtually Testing Foundation

Red Team Engineer

June 2022 – November 2022

Los Angeles, California (Remote)

- **Conducted penetration testing** on machines and performed OSINT investigations, utilizing MITRE ATT&CK framework's TTPs and Atomic Red Team to understand and replicate attack flows.
- **Collaborated with a team of 5-6 members** to replicate the latest cyber attacks, developing defensive strategies and alert mechanisms to detect, analyze, and mitigate vulnerabilities.
- Successfully executed simulations of **Follina MSDT Vulnerability (CVE-2022-30190)**, **LNK2PWN attacks**, **Active Directory attacks**, and **other advanced threats using Azure Cloud**.
- Created a training room on TryHackMe for **recruiting new interns**, and designing penetration tests to assess and enhance their cybersecurity skills.
- Used **Slack for effective communication** and coordination with the team and IAM team, ensuring smooth workflow and timely updates.

Virtually Testing Foundation

Cyber Security Engineer

April 2022 – June 2022

Los Angeles, California (Remote)

- Conducted threat hunting and learned to document cybersecurity processes and roles.
- Utilized SIEM tools to monitor and analyze security events and incidents.
- Practiced security testing on TryHackMe and HackTheBox, enhancing hands-on skills.
- Promoted to advanced internship based on demonstrated skills and performance.

Gurugram Police

Cyber Security Researcher

June 2021 – July 2021

Haryana, India

- Focused on **OSINT investigations, digital forensics, and addressing cybercrimes**, providing cyber awareness to the community.
- Collaborated with Israeli cybersecurity company **SafeHouseTech** and **Gurugram Police** to enhance cybersecurity measures and practices.
- **Engaged with top cybersecurity experts in India**, gaining valuable insights and knowledge.
- **Secured 1st place in a Capture the Flag (CTF) competition**, excelling in web challenges, forensics, and related cybersecurity challenges.

Personal Projects/Awards & Achievements

PASSWDSEC | *Python(Flask), Web Development*

- Developed an **interactive Flask web application** that checks a given password against **known data breaches**, providing users with the number of breaches their password has been found in.

Google C2 | *Google Sheet, Google Drive, Google Cloud Platform(GCP)*

- Developed GC2 (**Google Command and Control**), enabling **command execution** on target machines via Google Sheet and data exfiltration using Google Drive.

LNK2PWN | *Malicious .lnk file, Windows Active Directory*

- Automated generation of **malicious .lnk files** with lnk2pwn, a GUI tool optimizing Windows shortcut exploitation and enabling **remote access control**.

★ **Secured 1st Place** in the CTF Competition conducted by CMRIT College and got a Cash Prize of INR 10k.

- ★ Participated and Secured Top 20 in 50+ CTF Competition organized by national & international cybersecurity organizations.
- ★ **Finalist** in CTF organized by **HSBC & IIT Bombay (2024)** conducted at **IIT Hyderabad**

Certification

Junior Penetration Tester (eJPT)

INE Security (formerly known as eLearnSecurity)

December 2023 – December 2026

Cary, North Carolina

Education

MLR Institute of Technology

Bachelor of Technology in Computer Science Engineering - Cybersecurity

November 2020 – April 2024

Hyderabad, Telangana

Loyola Academy Junior College

Board of Intermediate Education (M.P.C)

June 2018 – April 2020

Hyderabad, Telangana

H.A.L Secondary School

High School - 10th CBSE

June 2009 – March 2018

Hyderabad, Telangana

Personal Vitae

Name : Mohammed Abdul Sami
Father's Name : Mohammed Abdul Lateef
Date & Place of Birth : 06-September-2001
Sex : Male
Marital Status : Single
Languages Known : English, Hindi, Urdu, Telugu and French beginner working intermediate
Hobbies : Singing, Basketball

Declaration

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

Place: Hyderabad

Date: **(Mohammed Abdul Sami)**