

MOHAMMED ABDUL SAMI

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Career Objective

Certified eJPT cybersecurity professional with offensive and defensive security experience. Skilled in simulating attacks, finding vulnerabilities, and improving cyber defenses. Strong CTF background demonstrating practical, hands-on skills.

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

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

June 2022 – November 2022

Red Team Engineer

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 MSDD 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