

SUSHANT JADHAV

SECURITY ANALYST (OFFENSIVE SECURITY)

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📧 Sushant Jadhav
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PROFESSIONAL SUMMARY

I'm a Cyber Security Analyst with 1.5+ years of experience, currently specializing in Offensive Security. My expertise spans Vulnerability Assessment and Penetration Testing (VAPT) for various platforms, Red Teaming, OSINT, Phishing. With a strong focus on security assessments and real-world attack simulations, I have a proven track record of identifying vulnerabilities across Web, API, Mobile (Android), Thick Client, SAP and Infrastructure/Networks. My technical skills, problem-solving abilities, and experience allows me to provide valuable insights that reduce risk and improve security posture. I am dedicated to protecting digital assets and ensuring the confidentiality, integrity, and availability of information.

CORE COMPETENCIES

- ✓ web Application Penetration Testing
- ✓ API Penetration Testing
- ✓ Mobile Application Penetration Testing
- ✓ Thick Client Penetration Testing
- ✓ Red Teaming
- ✓ Network/Infrastructure VAPT
- ✓ SAST using Automation Tools
- ✓ Reporting & Documentation

PROFESSIONAL EXPERIENCE

Independent Security Researcher

September, 2024 - Present

- Focused on offensive cybersecurity skill development while engaged in freelance penetration testing for a centralized marketplace provider company.
- Prepared for the Territorial Army-Cybersecurity government exam for several months.
- Participated in Capture the Flag (CTF) events to maintain hands-on experience in offensive security and reported bugs on several programs.

Tata Consultancy Services (TCS)

Cyber Security Analyst | December, 2021 - August, 2023

- Conducted over 200+ penetration tests on Web, API, Thick Client, Mobile, and SAP Applications, ensuring HIPAA compliance for US-based clients. Worked with a Top 5 Fortune 500 company in the Healthcare & Pharmacy sector, delivering comprehensive security assessments to safeguard critical data and infrastructure.
- Core member of Red Team engagements, simulating real-world attacks using TTPs (Tactics, Techniques, and Procedures) to test organizational defenses
- Generated comprehensive security assessment reports and presented findings to stakeholders, including developers, business leaders, and auditors

Spin The Hack (STH)

Freelance Penetration Tester | October, 2022 - January, 2023

- Conducted penetration tests on various projects under mentor supervision as Additional Experience
- Shadowed experienced mentors while performing penetration tests/ Red Team engagements and freelance projects, gaining hands-on expertise and insights into real-world security assessments.

PIE-INFOCOMM

June, 2020 - August, 2020

- Successfully completed internship in "Machine Learning", Utilized Python libraries and Jupyter Notebook to create and train machine learning models, contributing to better healthcare insights.
- Developed a heart stroke prediction model using patient data in a healthcare project.
- Gained experience with handling and processing personally identifiable information (PII) and sensitive healthcare data, ensuring data privacy and security in compliance.

EDUCATION

2017 - 2021 | Mumbai University | Terna Engineering College, Nerul
Bachelor of Engineering (B.E.) - Computer Engineering (7.83 CGPA)

2016 - 2017 | Maharashtra State Board | St. Mary's junior College, Vashi
Higher Secondary Certificate (HSC) - Science & IT (74.46%)

2014 - 2015 | Maharashtra State Board | Nutan Marathi Vidyalaya
Secondary School Certificate (SSC) (90.60%)

SKILLS & EXPERIENCE

Offensive Security & Penetration Testing:

- Specialized in VAPT for Web, API, Mobile (Android), and infrastructure. Extensive experience in Red Teaming, covering OSINT, Phishing, Physical Security and Social Engineering. Experience in Threat MITRE ATT&CK mapping.
- Skilled in identifying attack vectors and assessing attack surfaces across diverse assets. Experience in finding vulnerabilities through extensive research and testing.

Project Management & Client Communication:

- Successfully managed and delivered multiple security projects across India and the Americas, adhering to tight deadlines and service level agreements (SLAs).
- Ensured effective client communication to provide tailored security solutions that meet specific needs, demonstrating a strong ability to thrive in high-pressure environments while maintaining quality and client satisfaction throughout the project lifecycle.

Leadership & Training:

- Led pentest security teams, focusing on mentorship and collaboration to enhance skill development and ensure timely project completion.
- Provided professional training to associate Team Members on manual penetration testing, promoting knowledge transfer and strengthening team capabilities.

CERTIFICATIONS

- ✓ eJPTv2 (eLearnSecurity Junior Penetration Tester version 2)
- ✓ ICSI- CNSS (Certified Network Security Specialist)
- ✓ CAP (Certified AppSec Practitioner)
- ✓ OSCP & CRTP Aspirant

AWARDS AND ACHIEVEMENTS

- **Let's Exploit CTF 2023:** 1st Place (Global Rank 1)- YCF Team
- **Rank 2nd in ISRM Cyber Cup 2022:** Cybersecurity CTF challenge conducted by TCS's client's internal security team.
- **TCS HQ Playground CTF:** 7th Place - All-India TCS Hiring CTF
- **Indian Army CTF:** Qualified for L2 (Sainya Ranakshetram)
- **BEH TCS Round 1:** 3rd Place - Internal Global CTF for TCS Employees
- **Star Of The Month at TCS:** For exceptional performance and contributions to team and client projects
- **On-the-Spot Award & Certificate of Appreciation:** Recognized in TCS Townhall for exceptional contribution to securing a Fortune 500 client's infrastructure.

INTERESTS & PROJECTS

- Read write-ups, and stay up-to-date with the latest trends in cybersecurity.
- **Heart Stroke Prediction:** Developed an application predicting heart stroke risk using KNN and Random Forest, securely handling healthcare PII data.
- Participate in cybersecurity events, meetups, challenges, and competitions, and enjoy football and cycling as hobbies.
- **Keylogger:** Created a discreet keylogging script that runs in the background & terminable via Task Manager only.