

UDAY DATRAK

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Cyber Security Youtube Channel [Link](#) | LinkedIn Profile: [Link](#) | My 15 years old cyber security institute [Link](#)

PROFESSIONAL EXPERIENCE

- Senior penetration tester with **15+ years of experience in both Automation and Manual security analysis of 15+ cyber security projects** such as Web and API Penetration testing, Android and iOS mobile Applications Penetration Testing, Thick Client penetration testing, Active Directory Penetration testing, Various Database Config Reviews, Windows & Linux Host Secure Configuration Review, Social Engineering(Phishing), Wireless Testing, Cloud configuration reviews, Network Penetration Testing, and Red Teaming.
- **Found several security issues including 100+ high severity security issues in Australian critical organizations** such as an Airline, Casino, an Insurance company, a Bank, Parliamentary Services, State Government, an Electricity generation company, a Law firm, a Finance company, Advisory firm, Mortgage company, Local manufacturer company, etc in the last 5 years.
- **Automated 10+ cyber security projects** to check for 1000+ security test cases and to run commands, take outputs, take screenshots automatically using a simple code to reduce time, efforts and to deliver accurate results (5 minutes [POC](#)).
- Gave penetration testing training to thousands of people on 100+ unique web application security issues ([100 Penetration Testing Security Issues Training Videos](#) in 20 hours).
- Proficient in over **50+ Active Directory domain takeover** techniques.
- Proficient in over 100+ techniques for **Privilege Escalation in both Linux and Windows** Operating Systems, enabling attainment of root and System-level privileges.
- Can **hack a website and server in 100+ ways easily (5 ways [POC](#) Video)** using common very common and basic features.
- Can **Fix 50+ security issues** in programming languages like Java/.NET/PHP applications in **4-5 ways** and helped 100+ developers to fix security issues quickly with my sample repository codes ([Pramati Training Acknowledgement Letter](#)).
- Developed **innovative tools and approaches** to find and fix the security issues quickly.
- Always finds **200% more security issues** than many commercial security scanners.
- Gave live video demonstration on how a Complete Website, Database, Server, Entire Network **gets hacked with ONE line of vulnerable code** ([POC](#) Video) to showcase the importance of security to whole company and to get projects.
- Gave official **security coding and security testing training's** to 50+ developers of various projects multiple times (Sample POC [Video Link](#))
- Developed Java Vulnerable Web Application to showcase 50 Security Issues(POC link [Github](#))
- Analyzed **worldwide exploits, worldwide vulnerabilities** and worldwide security configurations and developed one android app for quick case study(5 Mins video [POC](#)).
- Developed **ONE click dynamic vulnerability scanner** to run 100+ open source vulnerability scanners in one click and generate one consolidated report.
- Handled the end-to-end life cycle of cyber security in various products which includes operating system, server, database, protocols, network security, code reviews, including presales and client engagements.

EXPERIENCE

Esecure(Orro Group), Sydney

May 2021-Till Date

Senior Penetration Tester

- Found several security issues including atleast 50 high severity security issues in Australian organizations such as an Airline, Casino, a Bank, Parliamentary Services, State Government, an Insurance company, an Electricity generation company, a Finance company, Advisory firm, Mortgage company, Local manufacturer company, in the last 5 years. Due to confidentiality

reasons, I am unable to disclose client names; however, your team may legally verify this information directly with the company.

- Performed web and API penetration testing for various clients.
- Performed linux and windows security configuration reviews for various clients
- Performed Android and iOS mobile application penetration testing for various clients.
- Performed thick client and network penetration testing
- Performed database and cloud secure configuration reviews
- Performed wireless security testing.

CTRL Group, Sydney**Aug 2020- May 2021****Senior Penetration Tester**

- Performed authenticated and unauthenticated web application and API penetration testing for 10+ clients.

InfoTrust Co, Sydney**Jan 2020-May 2020****Security Consultant**

- Performed penetration testing for web applications and vulnerability assessments.
- Developed security related automation scripts.
- Performed wireless penetration testing and network penetration testing

Pramati Technologies, Hyderabad, India**Jan 2016-Jan 2020****Principal Engineer**

- Performed security testing for web and mobile applications for multiple applications.
- Involved in cyber security sales calls and explained the security process to customer.
- Performed Secure code review for Java, PHP, Android and JS applications.
- Conducted secure coding and security testing training to 50+ developers ([MyTraining Videos](#)).
- Developed Automation scripts for penetration testing and secure code review.
- Developed vulnerable websites to train the developers and fix security issues quickly ([Github](#)).
- Developed PANDORA WEBS methodology to secure the applications end-end quickly.

Deloitte , Hyderabad, India**Jul 2015 - Jan 2016****Senior Consultant - AERS**

- Performing Threat profiling and red teaming for the client.
- Black Box and White Box Network Penetration Testing.
- Oracle 10g Database configuration reviews.
- Windows compliance checks on more than 50 servers.
- Performing security configuration reviews on Network devices and firewalls.

Mindtree, Bangalore, India**Apr 2014 - Jun 2015****Technical Specialist**

- Coordinated with the team in performing security tests on the application.
- Involved in presales to explain to the business and technical teams
- Identify Threats and Vulnerabilities on web and network applications.
- Report the findings with recommended solutions.
- Used Acunetix & IBM Appscan, Nessus Tool for scanning the application.

Sonata, Bangalore, India**Jun 2013 - Apr 2014****Senior Systems Analyst**

- Used Burp Professional, Acunetix, IBM Appscan, HP web inspect tool for scanning the application and eliminated false positives.
- Manually reviewed the java and Android application codes.
- Developed Automated scripts for scanning the code of the application.
- Developed documents on finding security issues on the code with remediation codes.

Wipro, Hyderabad, Bangalore, USA**Jan 2011 - May 2013****Senior Software Engineer**

- Scanning the source code of an application using Fortify tool.

- Generating the reports from the tool.
- Worked on Manual security code of Java and Android Applications.
- Developing the necessary automated scripts in c,c++.
- Worked with developers to help understand and resolve security issues.
- Gave training to more than 30 developers on secure coding in Java.

Synverse Technolgoes, Hyderabad

May 2010 -Jan 2011

Network Security Support Engineer

- Identify Threats and Vulnerabilities on applications.
- Report the findings with recommended solutions.

EDUCATION

College	Course	Completion	Percentage
B.Tech (Noor College of Engineering)	Electronics and Communications(E.C.E)	2007	65%
Intermediate (New Generation Jr College)	Maths, Physics and Chemistry(M.P.C)	2003	77%
SSC (Holy Trinity High School)	SSC	2001	61%

PROFESSIONAL SKILLS

Penetration Testing	Can Hack any web in 100+ways and check for 100+ unique security issues in web and Andrioid and iOS mobile applications
Security Code review	Can check for 100+ security issues in 10+ languages like Java/.NET/PHP/Android
Secure Configuration Review	Can do 70,000+ checks using CIS/NIST/DISA standards
Secure Coding	Can fix each security issue in 4-5 ways faster in Java and PHP applications
Security Training	Trained 100+ employees officially on security testing and secure coding
Secure Log Analysis	Can identify hack attempts from the web app logs quickly
Threat Hunting	Can identify possible threats for an application in 15+ wide areas.
Wireless Penetration Testing	Can check for 50+ wifi related issues during wireless pentest
Social Engineering Campaigns	Can do Phishing Campaigns and can develop phishing pages
Network Security	Can find 100+ security issues in the network without any commercial tools
AD Penetration Testing	Knows 50+ ways of Domain admin takeover

TOOLS AND SOFTWARES USED

Security Testing Tools	Acunetix, IBM Appscan, HP Web Inspect, Burp Suite Pro.
Security Code review tools	Fortify, Checkmarks, Self-developed scripts.
Open Source Security Testing	Used more than 100 open source security testing scripts.
Network Security Tools	Nessus Pro, Nmap, Nikto, Metasploit, 100+ Kali linux tools.
Malware Monitoring	Symantec, Agari, Mimecast, Crowd Strike
Programming Languages	C, C++, Java, J2EE, PHP.
Defect Tracking Tools	JIRA, Sharepoint, Salesforce, Atlassian
Database	Firebird, Mongo DB, MYSQL, MSSQL, Oracle, Snowflake

PERSONAL DETAILS

Languages Known : English (R/W/S), Telugu (R/W/S) and Hindi(R/W/S)
Marital Status : Single
Email : theudaydatrak@gmail.com
Phone : +61 423 967 972
Nationality : Indian and Australian Permanent Resident(PR)
Current Location : Sydney, Australia