

## BIODATA

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### Summary

- Good hands-on skills in Python, Shell-Scripting, Pursuing OSCP.
- Good understanding of Operating System, Networking, Offensive Security

### Educational Qualifications :

Examination	College, University	Year	%	Grade
B.E. (I. T.)	International Institute of Information Technology, Pune, Pune University	2018	65.93	A
12 th HSC	Rajmata Jijau, Science College, Bhosari, Pune	2013	63.00	A
S. S. C.	Sterling High School Bhosari, Pune	2011	70.92	A

### Technical Skills :

Operating Systems	:	Linux, Macintosh, Windows
Scripting Languages	:	Python, Shell (Bash).
Application Tools	:	Pycharm community edition, Eclipse, Vi -editor, Nano-editor.
Security Tools	:	N-map, Wireshark, WP-Scan, Openvas, Other Pentesting tools.
Security Distribution	:	Kali Linux.
Recent Work	:	<a href="https://github.com/omkar6699/">https://github.com/omkar6699/</a>

### Educational Projects Done :

Project	:	<b>01</b>
Title	:	<b>Next generation threats with Modular Trojan</b>
Description	:	Trojan is entirely written in python. It uses reverse shell payload. This is completely FUD Trojan. Trojan copies itself in system's directory, adds registry entry to execute again on restart. Starts a key-logger. Connects back to server. On restart it uses twitter to fetch servers IP. Attacker gets full shell access. Modules included are chrome history and password harvester, Remote module execute, Audio recorder, web cam capture, Victim Firewall disable.

Project	:	<b>02</b>
Title	:	<b>Hospital Management System</b>
Description	:	This is simple hospital management project. It is My-SQL as back-end and front-end written in PHP. This project is for hospitals who need to store and retrieve large no of Patients. Doctors needs to enter patients name or phone no. to see his/her full medical history including reports, checkups and other illness. Data is fetched from central database server. Data cannot be accessed unless doctor is authenticated with user name and password. Adding or deleting patient's information also needs authorized person.

### Seminar :

T. E. (I. T.)	:	Semester 2
Title	:	<b>TrustR: An Integrated Router Security Framework for Protecting Computer Networks</b>
Area	:	<b>Network Security</b>
Description	:	A framework to increase router security by studying various router layers and their attacks. This framework suggests how to mitigate or avoid various attacks by adding security layer by layer. Framework include cryptography based mechanisms, trust management system and trusted platform module.

**Internship :**

Company Name	:	MOJO Networks, Pune
Duration	:	1 year
Area	:	<b>Networking, Tester</b>
Description	:	Here at MOJO Networks I have tested Access Point's from 3 different vendors. Throughput testing and packet sniffing was our initial task then followed by mapping the readings and drawing a meaningful conclusion. I have learned Radio Frequency theory/practical and Networking from this internship.

**Technical workshops / events conducted / organized :**

No.	Workshop / event on	Place	Date
1.	Black-Hat hacking workshop	I2IT, Pune	8 <sup>th</sup> Feb, 2015
2.	Black-Hat hacking event	I2IT, Pune	12 <sup>th</sup> Feb, 2015

**Technical workshops / events attained :**

No.	Workshop / event on	Place	Date
1.	Red-Hat workshop	I2IT, Pune	12 <sup>th</sup> Feb, 2016
2.	IAEERAP event	I2IT, Pune	24 <sup>th</sup> March, 2017
3.	Indian Institute for Studies in Mathematics (Maths Talent Search Examination)	Mumbai	5 <sup>th</sup> Feb, 2006

**Online Courses Completed :**

1.	A Beginners Guide to Django!	Udemy Certificate Link <a href="https://www.udemy.com/certificate/UC-WBDQ2TSP/">https://www.udemy.com/certificate/UC-WBDQ2TSP/</a>
2.	Python Object Oriented Full Guide	Udemy Certificate Link <a href="https://www.udemy.com/certificate/UC-EE3VFIAW/">https://www.udemy.com/certificate/UC-EE3VFIAW/</a>

**Technical expertise Provided :**

1.	Configured firewall ('pfsense' and 'Endian firewall community edition') for I2IT's wireless and wired network.
2.	Configured router (vyatta os) for hostel network.
3.	Carried out pentest for I2IT external network.
4.	Vulnerability assessment for I2IT web servers.

**Non Technical Skills :**

Leadership quality, Good Motivator.

**Personal Strengths :**

Sincere, Hardworking, Principle oriented, Positive attitude, Ready to learn new things.

**Personal Information :**

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Mobile No	:	8806323696
Email Address	:	<a href="mailto:ukirdeom@gmail.com">ukirdeom@gmail.com</a>
Birth date	:	28 April, 1995
Nationality	:	Indian
Gender	:	Male
Marital Status	:	Single
Languages known	:	English, Hindi, Marathi