AKASH THAKUR

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Summary

A computer geek focused in learning new technologies in Computer Science. Creative mind with ideas of performing tasks easily and automated with scripting languages. Always love to code and perform testing on various platforms and networks. I have been constantly evolving my knowledge space in computers networks and security.

Skill Set

- Linux/Unix
- Web3.0 | Crawler | Scrapper | Databases relational and non relational
- Full Stack Web Developer in LAMP and PY
- What my projects involve: **Angular JS| PHP | Python | MySQL | MongoDb | Elastic Search | Bootstrap | Word press | Joomla |**
- Scripting: **| Python | PowerShell | JavaScript | Shell**
- Embedded System Programming with **Arduino** and **Raspberry Pie**
- **Web, Network, Wireless Pentesting | Malware and Cryptanalysis**
- SIEM skills with Splunk
- Programming Languages | Platforms : **C /C++**, **Python**, **Bash, Matlab**, **Octave, R**
- Cloud Skills : **Amazon AWS | Digital Ocean | Heroku**
- Open Source Technologies: Apache[**Nutch,Lucene,Solr,Hadoop,Ambari**],Elastic[**Elastic Search**, ,**Logstash**, **Kibana**, **Beats]** ,**Cacti, Nagios, Monit**.

Trainings & Certifications

- Splunk Certified Core User
- Cisco Security Ninja Green Belt
- Machine Learning with AndrewNG
- Big Data & Hadoop
- Frontend and Backened Development by Thinkfull
- RHCSA and RHCE
- CCNA and CICD
- CEH

Accomplishments

- Trainer for online course EHCP on Simplilearn platform **2017**
- Volunteer @**NULLCON** Goa Annual Security Conference **2016 2017**
- Speaker at WHW – Wireless Hacking Workshop at SRM University
- Speaker at Null Community Chennai Chapter **2016**
- Speaker at Reboot – Security Event **2016**
- Speaker at CYware - A Cyber Awareness event SRM University **2016**
- Web Developer and System Administrator at **SRM Search Engine 2015 - 16**
- Cyber Security Domain Head in Club Gen-Y SRM University Chennai **2015**
- Event – Coordinator for Milan – National Cultural Fest SRM Univ. **2015**
- Event - Coordinator and Committee Head in Aaruush - National Tech-fest SRM Univ **2015**
- Project Sector443   @ http://www.sector443.com   - 2014
- Blogger   @ http://www.cybertechbuddy.blogspot.in - 2014

Experience

- Ethical Hacking T**rainer** at **Infysec , Simplilearn**, **Level Infinite**
- Speaker at various workshops and training programs for **Cyber Security and Ethical Hacking**
- Full Stack Developer Intern – **Aircense India (IIM Calcutta)**

- Research Intern (**Ontological Search Engine Development- DRDO**) – **NIT Kurukshetra (MCA Department)**
- Web Developer & System Administrator - **SRM Search Engine Project (Project under NIXI Govt. of India)**
- Security Engineer Intern : **World Bank (Chennai)**
- Web and Network Pentester - **Securite India** (**Bhuvaneshwar Orissa**)

Projects

- **SRMCoin :** Crpto coin implemented with Blockchain based Datastructure.
- **Mayajaal :** Customizable Search Engine for Internet Connected Devices.
- **Nodal Analysis of Tor nodes on Cloud :** Using the power of data analytics with hadoop on network dumps of Tor nodes can help in Cyber Forensics and Deanonymisation.
- **CAFE 1337 :** Online Forum for discussion on Cyber Security related Domains. Developed with Bootstrap HTML CSS 3 Javascript and PHP. Deployed on Digital Ocean.
- **System Behaviour Analysis on ELK Stack :** Centralized log streaming of windows lab environment and study of system behaviour under differrent malware sources using the logs to prepare charts and do visualisation.
- **Web Automation with Selenium** : Feedback Form Automation for 150+ fields in 10 seconds.
- **Chatu-chatbot** : Chat Bot written in python that can talk on various topics like computers , food , emotion , drugs , geography , food , sex etc. Works on AIML.
- **SRM Search Engine :** Worked as Sys admin and Wesb Developer for the project. Worked on sysetm monitoring and cluster management . Development of crawlers and scrappers.
- **Cyber Secure :** Youtube Channel on Computer and Internet Security - 2015
- **Sector443 :** Sector443 is an Internet and web security site that provides rich content related to Information & Computer Security.

Education
High School Diploma in Science G.N.M.P.S - Paonta Sahib Himachal Pradesh ,India
Passed 10th Grade with **98**% .-2012
Passes 12th Grade with **90**% in PCM and **95**% in Computer Science -2013
Started College in SRM University Kattankulathur under Btech in Information Technology-2014

Currently: Working as a network engineer with Cisco Managed Services. Job roles include day to day voice networks and contact center troubleshooting | Collaboration technologies | Automation & Scripting | Platform Intelligence |

LINKED IN PROFILE : https://www.linkedin.com/in/akashthakur8166
GITHUB PROFILE   :   https://github.com/zerocool443
ONLINE PORTFOLIO : http://akashthakur.me
BLOG :   http://www.sector443.com
Youtube :   http://www.youtube.com/akashthakur1337