AKASH THAKUR

• root@thakurakash.com • http://thakurakash.me/   /zerocool443 • Contact No: +91-9087-860-705

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. Currently studying applications of Machine Learning and Artificial Intelligence in Cyber Security.

Skill Set

- Linux/Unix System Administration and Server Hardening
- Web Crawler & Scrapper Development
- Full Stack Web Developer
- **HTML | CSS | JavaScript | Angular JS| PHP | Python | Flask | Django | MySQL | MongoDb | Elastic Search | Bootstrap | Word press | Joomla |**
- Embedded System Programming with **Arduino and Raspberry pie**
- Security Analyst : **Web Pentesting | OWASP | Network Pentesting | Wireless Security | Malware Analysis | Cryptanalysis** | **Forensics**
- Programming Languages : **Python, C ,C++**, **Java**, **Php, 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

- Machine Learning
- Big Data & Hadoop
- Full Stack Web Development
- RHCSA | RHCE
- CCNA

Accomplishments

- Trainer for online Training course Ethical Hacking Certified Professional – Simplilearn Platform **2017**
- Volunteer at **NULL-CON** 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

- Research Intern(**OSINT**) – **Payatu Labs Pune**
- Ethical Hacking Trainer - **@Infysec @Simplilearn @Level Infinite**
- Speaker at various workshops and training programs for Computer and Internet Security
- 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

- **Mayajaal :** Customizable Search Engine for Internet Connected Devices.(**in development**)
- **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 de-anonymisation.
- **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(ELK Stack) :** Centralized log streaming of windows lab environment and study of system behaviour under different malware sources using the logs to prepare charts and do visualization.
- **Web Automation with Selenium** : Feedback Form Automation for 150+ fields in 10 seconds.
- **Chatu- A smart 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 system monitoring and cluster management . Development of crawlers and scrappers.
- **Cyber Secure :** You tube 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.
- **Cybertechbuddy** : A blog to provide people with latest news in Cyber world

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: 7th Semester B-tech in Information Technology SRM University Kattankulathur Chennai **CGPA : 8.97**

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