301, Aum Sai, Sector-7
Kharghar, Navi-Mumbai,
410210, Maharastra, India

Mihir Walia

(+91) 7219533255
mihirswalia@gmail.com
linkedin.com/in/mihir-walia-
972642173

EDUCATION

Ajeenkya D.Y. Patil University   **Pune, India**   **Aug, 2017 - May, 2020**
- **Bachelors in Computer Application with Cloud Technology and Information Security, CGPA: 9.05**
- **Graduate Coursework:** Ethical Hacking, Information Security, Digital Forensics, Cryptography, Cloud Technology, Amazon Web Services, Database Management, Server Operating Systems, Virtualization, Networking, ITIL and Risk Management.

EXPERIENCE

DevOps/SRE/SysAdmin Intern   **Testbook Edu Solutions Pvt. Ltd.**   **Jan, 2020 - April, 2020**
- Installation and Configuration of various tools on GCP and AWS instances.
- Granting and Revoking appropriate access needed for colleagues.
- Setup and manage monitoring environment for all the instances and tools.
- Writing shell scripts for automating several tasks, and many more.

Quality Assurance Intern   **Testbook Edu Solutions Pvt. Ltd.**   **May, 2018 - August, 2018**
- Performed manual testing of the android application, Frontend of the website and the Backend by writing test cases.
- Represented the QA team for the official meetings with CTO.
- Managed a case of bug bounty with the server having 3 RCEs and helped the Bug hunter communicate with the team.
- Helped the support team with all the technical issues with customers.

Web Developer Intern   **G.R.S. Consultant Pvt. Ltd.**   **November, 2018 - December, 2018**
- Made a responsive website according to clients requirements using HTML5, Bootstrap and CSS.
- Hosted the website on a linux server on Go-Daddy.
- Created a local server at office for file sharing using samba on Ubuntu.

PUBLICATION

- **Mihir Walia, Sneha Ambore "Methods of Managerial, Procedural and Technical Controls for Virus and Worms",** http://www.i2or-ijrece.com/vol.-7-issue-2–csnsda-.html.

CERTIFICATIONS AND BADGES

- **ICSI -** Certified Network Security Specialist (CNSS).
- **IBM -** Cybersecurity Compliance Framework System Administration.
- **PentesterLab -** Essential Badge.
- **PentesterLab -** PCAP Badge.
- **PentesterLab -** Unix Badge.
- **PentesterLab -** White Badge.
- **Rangeforce -** Blue Team Star Challenge.
- **LinkedIn -** Penetration Testing: Advanced Kali Linux.
- **LinkedIn -** Penetration Testing: Advanced Web Testing.
- **LinkedIn -** Ethical Hacking: The Complete Malware Analysis Process.
- **PassMarks Software -** OSForensics Triage Certification.
- **IACET -** 210W-06 ICS Cybersecurity Threats.
- **LinkedIn -** Amazon Web Services for Architects Essential Training (2017).
- **Udacity -** Python Foundation Nanodegree.
- **VMware -** Virtualization for Beginners.
- **HPE -** Artificial Intelligence.
- **TryHackMe Badges -** Burp'ed, Nessus Nerd, cat linux.txt, Metaploitable, Ice, Blue, Webbed, Linux PrivEsc, Windows PrivEsc, ohSINT, Mr.Robot, OWASP Top 10, Chritsmas 2019, Overpassed and 7 Day Streak.
- **Qwik labs Badge -** Google Cloud Essentials.

SKILLS

- **Languages:** Bash, Python, HTML5, CSS, Bootstrap, Js, C, C++ and Ruby.

- **Grip on:** Ethical Hacking, Penetration Testing, Information Security, Server Operating System, Cryptography, Networking, Scripting, Cloud Computing, Google Cloud Platform, Amazon Web Services, Programming, Database Management and Digital Forensics.
- **Tools:** Metasploit, Nmap, Burp-Suite, Go-Buster, Dirsearch, Enum4linux, Hydra, Sqlmap, Nessus, Google Dorking, Shodan, Wireshark, Aircrack-ng, John the ripper, Nikto, Owasp-Zap, Cupp, Samba, Apache, MongoDB, MySQL, Nginx, Nagios, Graylog, Jenkins, Redis, FTK imager, Recuva, Icare Pro, Git, GCP, AWS, Digital Ocean, Docker and Supervisor.

PROJECTS

- **Wifi Jammer:** Programmed a Node MCU chip to work as a wifi jammer for de-authenticating other devices connected to a router and hosting multiple fake access points.
- **Keylogger with python:** Wrote separate scripts to work as a keylogger for linux and windows operating system with python.
- **Web Crawler:** Wrote a program in python that scans for specific string in a website, including its sub web pages.
- **Setting up IDS/IPS:** Setting up Suricata's Intrusion Detection System and Intrusion Prevention System on Debian OS and testing by attacking by another Parrot OS.
- **Student Attendance System:** An automated student attendance system using RFID chips as identification cards.
- **Jenkins:** Wrote JenkinsFile for automating CI/CD(Continuous Integration/ Continuous Deployment) for backend of production server.
- **MongoDB:** Installed an configured MongoDB on a network with a primary and several secondary replica sets.
- **Automated backup:** Bash script for GCP which locates the latest production server from load-balancing, storing an image of it to the specified Data Center.
- **TryHackMe:** Reached the top 100(India) and 700(worldwide) by completing 75+ Capture the flag themed rooms by learning and executing several necessary penetration tools.
- **HackTheBox:** Applied previously gained knowledge and utilized it in a much better and optimized way to own 35+ Capture the flag based machines.
- **Trojan for Android:** Generated a trojan payload for Android OS using msfvenom and controlled it with metasploit's meterpreter with reverse tcp which provides with a reverse shell.
- **Student Management project in Java:** Created a user-friendly software to manage student records using Java Swing and MySQL in NetBeans IDE.

OTHERS

- **Social:** Core team member of SecOnSet community, Written several infosec and CTF based writeups on medium, University's official event photographer, Volunteered in cleaning beaches, Universities convocation volunteer, Volunteered in Universities Cyber Cell, Donated books and clothes to orphanage and Bike rides with groups.
- **Sports:** 1st Runner-up in Boxing (55kg) in College event and 1st Runner-up in Table Tennis in College event.
- **Cultural Events:** Comic Con 2018 Volunteer and Participated in sketching and photography competitions.

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein, immediately.