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## PROFESSIONAL PROFILE

Experienced Cybersecurity professional with knowledge of leveraging latest and cutting-edge penetration testing tools in executing Web application, network, system penetration tests, and fraud prevention accompanied with ability to communicate effectively and professionally with clients, teammates, and senior leadership.

## EDUCATION

**MSc in Computing**, DCU, Dublin, Ireland (2019-2020)

Key Modules: Secure Programming (C), Cryptography, Network Security, System Software (Linux).

**Bachelor of Engineering**, Chandigarh University, Punjab, India (2015-2019)  
Domain – Computer Science (Hons.) Cloud Computing

## TECHNICAL SKILLS

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| **Skill** | **Components** |
| * Ethical Hacking | Vulnerability assessment, Dynamic/Static Source code analysis, Network Auditing, Social Engineering, Bug Bounty Hunting |
| * Programming Languages | Python, C, C++ |
| * Penetration Testing | Web application, API, Mobile, Network Devices, Database |
| * Automation Testing | Selenium, Katalon Studio |
| * Linux | Bash scripting, Kali Linux |
| * Penetration Testing Tools | Burp suite, ZAP, Fortify, WebInspect, Nmap, Wireshark, Metasploit, Nessus, MSFVenom |
| * Web Development | HTML, CSS, JavaScript |
| * Scripting | Python, Shell scripting |
| * Repository | GitHub, AWS |
| * Other Tools | Putty, FileZilla |
| * Methodologies * OPSEC | Agile Development, OWASP Top Ten  Fraud analysis, Profit protection, Credit card fraud prevention |

## WORK EXPERIENCE

**Cyber Security Analyst (Jan** 2019- May 2019)

OXOLAB, Kerala, India

* Host, network, and web application penetration tests
* Web/API applications security testing and Source code analysis
* Creation and analysis of CIS benchmarks using shell scripting.
* Network security analysis and risk management for designated systems with record of 2% false negative retest defects
* Proposed remediation strategies for remediating system vulnerabilities
* Developed Security Assessment Plan, Security Assessment Report, Security Assessment Questionnaire, Rules of Engagement, Proof of concepts, Test Summary Explanation reports
* Provided occasional assistance with the development and maintenance of internal Red Team methodology, to include training program.

**Fraud Analyst (Dec** 2016-Feb 2017) OL IMPEX, Cochin, Kerala, India

* Took part in investigating mail fraud for various E-commerce giant´s warehouses.
* Implemented various measure to protect profits which increased the client’s profit by 10%

**Intern – Milisecond Store Ltd. (**Nov 2017-Jan 2018)

* Worked as an intern in WordPress website development and security
* Created an E-commerce portal and integrated it with payment processors securely
* Took initiative in hardening the WordPress website against OWASP top 10 vulnerabilities
* Duly appreciated for innovative approach in work and awarded with experience certificate.

## ACHIVEMENTS

* XE Sponsor prize winner at Hack the North 2019 (Canada) for developing an exceptional AR based real time cryptocurrency converter.
* Awarded as the top 25 teams to attend Hack the North 2018 for developing an app with Fitbit SDK

## ACADEMIC PROJECTS

* CyberHawk–Implemented an anti-theft software solution for windows computers with Python and associated lightweight frameworks.
* ARPDetect**-** Developed a network security suite using Python and Scapy and implemented it in Linux systems.
* PhishDetect – Developed a standalone Linux application to detect phishing links and notify the user in real-time..

(2017)

(2018)

(2018)

## ADDITIONAL TRAININGS AND CERTIFICATIONS

**Networking with Security - HPE** (2017)

Cleared the exam in first attempt with star performer certificate from HP

**Cyberdome, Kerala Cyber Police (**2018)

Underwent 6 weeks Industrial Training on “Emerging financial frauds and its prevention”

## SKILLS & COMPETENCIES

* **Leadership**: Successfully lead a team of 2 Security tester Associates in testing client’s web application.
* **Communication Skills**: Communication skills acquired and developed through regular client calls. Presentation skills showcased on calls and throughout the undergraduate and master’s degree.
* **Learning Appetite**: Learning experiences throughout the career ranging from penetration testing, application development, automation testing, build engineering, and web development.
* **Innovation**: Out of box thinking capabilities for anticipating weak areas in an application for potential bugs.