Keelan Brady

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Profile

As a young security professional, I am dedicated to advancing my knowledge in modern security techniques and methodologies.

My main career goal is to be part of a red team where I can, within reason, roam free in order to reach a goal the client puts forth. With previous experience in infrastructure and application security I am looking to expand my knowledge within these fields and to others, including low level software security, hardware security, cloud security and social engineering.

In my free time I write scripts to help automate parts of the job, to make the time given for a specific job spent more efficiently. As well as this I am currently studying system internals, lower level languages such as C/C++ and Assembly (IA-32 and x86_64) and shellcoding, reverse engineering and exploit development for Linux environmments hoping to branch off to Windows soon.

Work Experience Timeline

Occupation: Security Consultant
Company: Pentest People Ltd.
Duration: 5 Months (March→July)

- Conducting multiple types of Security Assessments including:
    - Web application
    - API
    - Internal Infrastructure
    - IT Health Check (Build Review, Wifi Assessment, Auth Scans)
- Helping Sales personnel conduct calls covering the technical aspect and day count calculations based on the product presented by the client.
- Writing Scripts and Tools to help automate long processes such as Nessus result manual proofing and Firewall parsing in Golang and Python.
- Helping other consultants with technical questions that I am equipped to answer.
- Updating Clients of assessment progress, including debrief calls and occasional introduction calls depending on client needs and requirements.
- Writing well written and concise reports covering both high and low level explanations of the problems found, their physical impact on the company and remediatory advice.

Occupation: Penetration Tester / Ethical Hacker
Company: Cybernite Intelligence Ltd.
Duration: 9 Months (June 2022 → Feb 2023)

- Conducted penetration testing assessments within IT infrastructures.
- Conducted a Digital Forensics assessment on an IT/OT infrastructure.
- Wrote clear web and dark web crawlers and scrapers for our own intelligence platform

Occupation: Electrical Apprentice
Company: AyMa IoT
Duration: 9 Months (September 2021 → June 2022)

- Drafted risk assessments for clients during project planning.
- Installed energy mmonitoring products which interfaced with the cloud.
- Liased with software developers within the company to set up and test our product before job completion.

Education

SCQF Level 6 - Digital Forensics
SCQF Level 6 - Data Security
SCQF Level 6 - Networking Technologies
SCQF Level 6 - Network Mgmt & Security

National 5 - Computer Science

Certifications

TryHackMe - Offensive Pentesting
TryHackMe - Jr Penetration Tester
TryHackMe - Pentest+ Path
TryHackMe - Web Fundamentals
TryHackMe - Complete Beginner

Key Skills

- Web application and API Penetration Testing
- Internal/External Penetration Testing
- Python Exploit Development
- Golang and Python script/tool creation
- Open Source Intelligence Gathering
- Client Liaison and Communication

Ongoing Self Study Projects

- Multiple VM Labs:
    - Windows 11 Flare-VM Malware Analysis/Reverse Engineering Lab
    - 32-bit Linux-based x86 ASM/Shellcode Development Lab
    - Windows Server 2019 Small infrastructure Lab/Configuration Testing Lab
    - Kali VM + Other Linux setups for configuration and learning advanced system concepts and programming.
    - x64 Linux Docker VM for testing CVE's relating to outdated software versions.
- Traditional CTF-type machines on TryHackMe
- C/C++ OpenGL based chess game
- Offensive Security Study Guide

Programming Languages:
- Golang
- C/C++

Scripting Languages:
- JavaScript
- PowerShell
- Python
- Bash

Markup Languages:
- HTML/CSS/XML
- Markdown
- YAML