Kamil Vavra, Application Security Engineer

Czech Republic, vavkamil@protonmail.com

LINKS

PROFILE

I have been an ethical hacker since early childhood, with 15 years of experience in various roles within security industry. Nowadays, I specialize mainly in offensive web security. Constantly researching new attack vectors, solving challenges, and improving my skillset is a considerable part of my everyday life and passion after all these years.

EMPLOYMENT HISTORY

Jun 2019 — Present

Application Security Engineer, Kiwi.com
Brno

- Improved, stabilized, and managed a successful bug bounty program
- Established Secure Development Lifecycle, with focus on education & SAST
- Automated tedious security tasks, SDL, and vulnerability management
- Executed penetration tests, vulnerability scans, and continuous threats research
- Performed manual code reviews of critical services
- Introduced company-wide Rate Limiting & Web Application Firewall
- Contributed to long term security strategy and objectives

Jul 2020 — Present

Penetration Tester, TunaSec z.s.
Brno

- Set the foundation for our non-profit organization
- Delivered penetration tests for various clients
- Wrote blog posts about security & privacy

Jun 2020 — Nov 2020

Lector of Ethical Hacking, ENGETO s.r.o.
Brno

- Build and let intermediate Ethical Hacking course
- Delivered virtual & on-premise trainings during the coronavirus crisis

Oct 2018 — May 2019

IT Security Assessment Specialist, Home Credit International a.s.
Brno

- Performed assessments in companies of Home Credit Group and Air Bank (PPF Group)
- Responsible for Web Application Penetration Testing
- Conducted Software Security & Compliance Reviews (ISO 27001)
- Delivered Internal Security Audits & formalized Security Processes

Apr 2017 — Mar 2019

IT Security Researcher, SYSYstems, s.r.o.
Svitavy

Dec 2017 — Feb 2019

Ethical Hacker, WebAlert.cz
Svitavy

Jan 2016 — Dec 2016

Bug Bounty Hunter, Bugcrowd Inc.
Svitavy

Feb 2014 — Aug 2016

Network Administrator, Mendel University
Brno

Jul 2009 — Feb 2014

IT Freelancer, Self employed
Svitavy

Jun 2011 — May 2013

System Administrator, MACHALA GROUP SE
Svitavy

Jun 2010 — May 2011

IT Specialist, Machala a.s.
Svitavy

LANGUAGES   Czech   Native speaker   English   C1

CERTIFICATIONS

May 2021

Burp Suite Certified Practitioner

PortSwigger

I was the first person in the world who successfully passed the certification.

- https://portswigger.net/web-security/e/c/d1af2e3f879e4c25

COURSES

Advanced Web Attacks and Exploitation (AWAE), Offensive Security

Code Review Badge, PentesterLab

VULNERABILITIES

CVE-2021-44223

- https://nvd.nist.gov/vuln/detail/CVE-2021-44223

CVE-2020-26297

- https://nvd.nist.gov/vuln/detail/CVE-2020-26297

REFERENCES

Web Security Academy

I'm currently in the top 10 of Web Academy Hall Of Fame

- https://portswigger.net/web-security/hall-of-fame

OWASP Czech Chapter

I'm regularly giving talks and practical workshops at OWASP Czech Chapter meetings

- https://vavkamil.cz/talks/

r/bugbounty

I'm a lead moderator of bug bounty subreddit, responsible for a community with ~17k members

- https://www.reddit.com/r/bugbounty/

GitHub open-source

Open-source code is my passion, I maintain a couple of popular security-oriented projects

- https://github.com/vavkamil

Personal blog

I love sharing my knowledge with the community and regularly publish research on my blog

- https://vavkamil.cz/