

# Michał Czyżewski

Signal: +48 604 464 147 • [czesiek.net/about/me@czesiek.net](https://czesiek.net/about/me@czesiek.net) (OpenPGP key)  
currently based in Warsaw, Poland

---



---

Public interest technologist with 14+ years of experience making and maintaining web infrastructure and applications (10+ years in NGOs).  
Journalistic security expert and digisec trainer.

---

## Tech work

### Snox Consulting

#### security consultant and trainer

*Oct 2022 – currently*

Performed security trainings for NGOs and educational programs for journalists.  
Advised organizations and projects on digital security.  
Created digital strategies and planning for investigative media projects.  
(details available upon request)

### Bellingcat

#### digital security engineer

*Jul 2021 – Feb 2022*

Created digital security strategy and policies for the organization.  
Acted as tech helpdesk for staff and provided digisec trainings.  
Responded to digital security incidents.  
Maintained the website and internal tools.  
Taught activists digital and operational security within the organization's training projects.

### Organized Crime and Corruption Reporting Project

#### staff technologist

*Jul 2016 – Dec 2017*

Led development of internal software tools.

#### senior technologist on the Infrastructure Team

*Jan 2018 – Jun 2021*

Designed and developed digital infrastructure, monitoring tools.  
Reworked backup strategy for internal services and hosted websites.  
Introduced configuration management.  
Responded to infosec incidents involving reporters in high-risk environments.  
Deployed secure whistleblowing platforms in partner organizations.  
Assisted in investigations on location.

#### interim Head of Infrastructure

*Jun – Aug 2020*

Coordinated operations of the Infrastructure Team.  
Managed web and mobile app developers.

### Panoptykon Foundation

#### tech lead, privacy educator

*Nov 2013 – Mar 2018*

Migrated websites and tools to self-hosted, Free Software solutions.  
Provided technical support and training for a team of activists and lawyers.  
Provided expertise on internet censorship during public consultations in the parliament.

Created educational materials on privacy and digital security.  
Conducted workshops on privacy-enhancing technologies for teachers and activists.  
Gave media interviews on digital rights.

## BI Architects

### backend developer, system administrator

*Apr – Oct 2013*

Developed web applications using company's custom framework.  
Designed and maintained data integration across systems via SOAP.  
Maintained company networks and servers.  
Deployed Gitolite and trained staff on source version control and good software development practices.

## BRAMA Mobile Technology Laboratory

### hacker

*Oct 2008 – Aug 2012*

Facilitated Free Software community meetings (*Linux w Bramie*), administered project servers and websites.  
*AVStreaming* (starting Oct 2009) – Helped prototype and develop a video streaming solution based on Free Software components. Coordinated streaming and provided on-site support during various meetings and conferences, including local NetTuesday meetings and Creative Commons Global Summit 2011.  
Provided technical support and network deployments during events organized in partnership with the Warsaw University of Technology.

## inFullMobile

### full stack developer

*Jul 2010 – Dec 2011*

Designed and implemented RESTful APIs for mobile apps.  
Implemented and customized websites using early responsive web design techniques.  
Created integrations with *Apple Push Notification Service* platform.  
Managed deployments to *Amazon Web Services* cloud.

### system administrator

*Jun 2011 – Dec 2011*

Created and maintained an in-house software development infrastructure based on Gentoo GNU/Linux with Trac and Gitolite.  
Maintained company networks.

---

## Educational work

### Totem Project

#### journalistic security expert

*Jun – Jul 2022*

Provided expertise on [Threat Modeling courseware](#) for journalists and activists.

## Free and Open Source Software Foundation

### educator

*Jul – Sep 2013*

Wrote course material for primary and middle school students on the usage of HTML, CSS and JavaScript in web programming.

## Skills

**SysOps:** GNU/Linux system administration (mostly Debian, Gentoo), database administration (Postgres, MySQL/MariaDB), web servers (nginx, Apache, PHP-FPM), mail servers (exim4, Dovecot)

**Computer languages:** Python, PHP, Bash, C/C++

**Web frameworks:** Django, Bottle

**Web frontend:** HTML, CSS, JavaScript, jQuery

**CMS:** WordPress, static site generation (Hugo, Jekyll)

**Source version control:** Git, GitLab, Gitolite

**Virtualization:** Docker, Docker Compose, KVM, VirtualBox, Amazon EC2

**Storage** OpenZFS, TrueNAS/FreeNAS

**Configuration management:** Ansible, SaltStack

**Service monitoring:** Prometheus, Grafana, Zabbix

**Privacy-enhancing technologies:** SecureDrop, Tor hidden services, schleuder (encrypted mailing list software), kuvert (encrypting MTA), Tails, VPNs (OpenVPN, Wireguard), Qubes OS

**Single sign-on systems:** Keycloak

**Collaboration/task management:** Nextcloud, Google Workspace, OpenProject, Trac, Redmine

**Natural languages:** Polish (native), English (fluent), Bosnian (basic).

---

## Education

Warsaw University of Technology, Faculty of Electronics and Information Technology

**Electronics and Computer Engineering**

*2007 – 2010, 2013 – 2015*

## Certifications

Universiteit van Amsterdam, Instituut voor Informatierecht

**Privacy Law and Policy course**

*2014*

---

## Interests

Infosec, Free Software, human rights. Digital art, music (bass guitar, guitars, drums, sampling).

Co-organizer of [Warsaw CryptoParty](#) (2013-2016) and Sarajevo CryptoParty (2019).

Founding member of the [Warsaw Hackerspace](#) (president of the revisory commission 2014-2016).

Founder of [ODRON queer art space](#) in Sarajevo (2018-2022).

Coffee, tea and wine, vegan cuisine. Cycling, sailing and hiking.