



Olivier Buez

CyberSecurity Engineer

Born in July 1992
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Motivated, dynamic and curious

Education

- 2014–2016 **Master - Computer networks and security**, *Université catholique de Louvain*, Distinction.
- » Included topics : Cloud computing, Secured systems engineering, Languages and algorithms for distributed applications, Computer networks: configuration and management, Computer system security, Mobile and Embedded Computing.
 - » Master thesis: "Network security and monitoring: NIDS deployment on single-board computers, expectations and limitations".
- 2013–2014 **Preparatory year**, *Université catholique de Louvain*.
- » Mandatory year in order to register for the master study.
- 2010–2013 **Bachelor - Analyst & programmer in IT management**, *Institut Paul Lambin*, Distinction.
- » I learned advanced programming skills including JAVA, C, SQL and many more.
 - » Options were: C++: graphics programming, SAP.

Experience

- 2022-current **Elasticsearch developer**, *NSI IT Software & Services*.
- » As an Elasticsearch developer, I'm building backend services in python to offer real-time full text search capabilities on business data. I'm also building real-time pipelines with Apache Kafka and contributing to the Elasticsearch stack deployment and maintenance.
 - » Technology: *Apache Kafka, Elasticsearch, Python*
- 2021-2022 **Data Protection Engineer**, *Euroclear*.
- » I'm currently using my technical expertise as a consultant to support the implementation of techniques and tools to overcome data leakage challenges. As a technical expert, I'm also part of a squad to onboard office 365 sensitivity labels and the protection associated with.
 - » Technology: *Symantec DLP, NetSkope CASB, Microsoft Defender for Office 365*
- 2021-2021 **Big Data Engineer**, *Agilytic*.
- » I was a big data engineer in a consultancy company. I was part of an initiative to search, scrape, analyse and classify public PDF documents at scale. I successfully passed three exams giving me two certifications: Azure Big Data Engineer Associate and Databricks certified developer for spark 3.0.
 - » Technology: *Databricks, Azure cloud, Terraform, Elasticsearch*
- 2018-2021 **Senior cyber-security consultant**, *Nviso*.
- » I designed, developed and maintained a threat-hunting / security monitoring solution called Eagle Eye. This solution is mainly based on the elastic's stack.
 - » My duty also went from release and deployment management to customer support.
 - » Technology: *ELK, Logstash, Beats, Docker, Redis, Python, Jenkins, Nexus, Apache Nifi, Apache Kafka*

- 2017-2018 **Cyber-security consultant, Approach.**
- » Software developer in a PKI environment for bank transaction security for Isabel company.
 - » I participated into the maintenance of the proprietary PKI system as well as developing front-end native application on OS X.
 - » Technology: *Java, C, Swift 4, Jenkins, Nexus, PKI*
- 2016-2017 **Junior Security Engineer, Proximus.**
- » In the cyber-security team, I developed an Apache Storm topology with ELK integration for big data analysis in order to detect malwares and suspicious DNS traffic.
 - » I also worked as an Arcsight application engineer and I deployed the famous Microsoft Advanced Threat Analytics in a big environment such like the one in proximus.
 - » Technology: *Arcsight, ELK, Graphite, Grafana, Apache Nifi, Apache Storm, Apache Kafka, Java*

Certifications

- 2021 **Azure Big Data Engineer Associate.**
- 2021 **Databricks Certified Associate Developer for Apache Spark 3.0.**

Internship

- 2015 **Analyst & programmer, Control-H.**
I developed a reliable and remote API for a loyalty card system. This API has been written in PHP with the Slim framework and a relationnal database.
- 2013 **Analyst & programmer, eSpecific.**
Development of finance and tasks monitoring modules within a SaaS project for collaborative management of condominiums.
This software has been written in Python with the Django framework and a relationnal database.

Languages

- French Mothertongue
- English Fluent

Hobbies

scuba diving, ski, climbing, skydiving.

Design for security and maintenance by providing homogeneity, guarantees and expectations