



## Olivier Eeckhoutte

Freelance  
Solution Architect / Tech Lead /  
Senior Backend developer / DevOps

### PROFILE

I feel lucky to work in a field I am passionate about.

Passionate about new technologies and very curious, I like to design and develop useful solutions and solve complex problems.

I enjoy learning new things all the time, be more and more proficient, discover raw gems and share my new discoveries with others.

I spent 3 years in the USA.

Remote worker

### EDUCATION

Engineer of “Ecole Centrale de Lille”, Graduated in 2011

Top Engineering School  
Entrepreneurship and Management  
Specialities

Member of Iteem program. Second diploma in Management delivered by Skema Business School

Udacity, Georgia Tech, Kaggle,  
2016 - 2017

NanoDegree Program, 420 hours of online training about Machine Learning

### CONTACT INFORMATIONS

+33 6 95 24 43 62

[olivier.eeckhoutte@gmail.com](mailto:olivier.eeckhoutte@gmail.com)

Location: Morbihan, France

**Professional Blog:** <https://leandeep.com> (**Articles about my technical skills**)

**Linkedin:** <https://bit.ly/oeekhout> (**Detailed profile**)

### PROFESSIONAL EXPERIENCE

#### Freelance, Lean Deep

Nov 2019 - Today (TAG Heuer, Geneva - Lead DevOps)

- *Developments of the cloud & python based middleware (custom made Enterprise Service Bus) and API between the ecommerce website, Retail systems and lot's of internal backends systems (i.e: SAP, Salesforce, Salesforce Commerce Cloud, Cegid, Paazl, Adyen and other ecommerce related SAAS...) —> More on this successful innovative platform here <https://bit.ly/3gs0EHY> and here <https://bit.ly/3C0hX9W> (**In the recorded Meetup in Paris I speak about my experience as DevOps at TAG Heuer**)*
- *Developments of the custom made CIAM (Customer IAM) built on top of Keycloak using python + LDAP migration + Keycloak plugin development*
- *Contributed to a new Ecom headless platform and other Web based platforms*
- *Managed different Azure/ Kubernetes cluster builds and migrations*
- *Setup all kind of different DevOps automations (Terraform, CI/CD, Automated Tests, Monitoring...)*
- *Creation of an enterprise cross-channels Business Activity Monitoring (BAM) using a data stack (i.e: pandas, streamlit...)*
- *Tons of problems solved*

Apr 2019 - Nov 19 (Engie Trading Center, Brussels - Co-Tech Lead)

- *Create reusable and transversal tools for the developer teams (Data access management, automated end to end tests tools)*
- **Co-Technical Lead in an international team made of developers, data engineers & data analysts**
- *Migration to AWS*

## KEY SKILLS

### Architecture

Clean Architecture, CQRS, Serverless, Micro Services, API Gateway, Service Mesh, SOA, Message Oriented Architecture with topics and queues (Kafka, Azure Service Bus, RabbitMQ...)  
SQL (MySQL, Postgres), NoSQL (MongoDB, Redis, CouchBase, ElasticSearch, Influx, DynamoDB...)  
SSO (keycloak), OAuth2, OIDC, Vault, UML, IoT, Enterprise Workflows (Camunda), Edge computing (Jetson, k3s, balena)

### Data Science

TensorFlow/ Keras, Python, BigQuery, Deep Learning, Machine Learning (scikit-learn, Pandas), FastAI, RPA, Scaping, Chatbots, AWS AI tools, Kubeflow, Prefect, Airflow, Pytorch

### DevOps/ Cloud

Azure, Amazon Web Services, GCP, Docker, Monitoring, Tests Automation, Linux (RedHat 7, CentOS, Debian), Continuous Delivery, Software Factory (Github, AWS CodePipeline, Gitlab, CircleCI, Azure Devops, Bitbucket...), Nginx,

**Kubernetes + custom dev operators**, OpenShift (v3.6 to v4), Hub & Spoke Architecture, Terraform, 12 Factors

## PROFESSIONAL EXPERIENCE

Feb 2018 - Apr 2019 (Adeo Services - SRE / DevOps)

- Setup and Manage large Platform As A Service (> 300 servers)
- Cloud Hybrid (On-Premise - Google Cloud Platform)
- DevOps, Cloud Native Architecture
- Trainings creation and animation (Kubernetes, CI/CD Tools, Openshift, Continuous Delivery)
- Agile Methodology training and technical evangelisation
- SRE (Site Reliability Engineering): development, automation, monitoring (Python, Ansible, Terraform, Prometheus...)

Sept 2018 - Dec 2018 (Short contract 1 day a week)

- DataHub solution setup on AWS EKS (Managed Kubernetes)
- Plateforme CKAN deployment
- Data collection automation

### Web3 trader (in parallel of my freelance activity),

Jul 2020 - Today (70 Cent, France - DeFi / Web3 Trader)

- Who better than yourself can take care of your finances ?
- As I don't believe banks or other financial institutions will really take care of my money I simply automate everything to make my personal portfolio grow by trading on crypto (CeFi and DeFi) exchanges and by building decision making bots

### Technical Leader / Solution Architect / Data Champion, SwissLife France

Mar 2015 - Feb 2018

- Technical Lead "Digital Solutions" (Design and development of the main customer portal)
- Transversal communities (Developers & DevOps) animator
- Dissemination of Agile & Software Craftsmanship - Tooling - Continuous Delivery best practices
- Data Champion (Big Data /Machine Learning / Cloud migration contributor)
- Applicative Architecture Design
- Many innovation Studies and Proof Of Concept done
- Cognitive technologies referent

## KEY SKILLS

### Blockchain

Nodes hosting, DeFi protocols,  
Advanced backend Web3 development,  
Solidity, Rust, Security, Hardhat, IPFS

### Web/ Mobile/ Backend dev

Javascript (*AngularJS, Angular 2+, Ionic, Backbone...*), SPA, Responsive Web Design, NodeJS, Webpack, HTML5 (*WebRTC, WebSockets...*), Cordova, iOS, Android, PHP, Java, TypeScript, Vue, Progressive Web Apps, TDD, BDD, DDD, Git, **Python**

### Project management/ Methods

Scrum, Kanban, Holacracy, Software Craftsmanship, Lean Management, Lean Startup, Design Thinking

## LANGUAGES

French ██████████  
English ██████████  
German █

## HOBBIES

- |                      |  |
|----------------------|--|
| - Creative workshops | - DIY                                      |
| - Beerology          | - Woodworking                              |
| - Travels            | - Windsurfing                              |
| - Wing foil          | - Walking in Nature                        |
| - Sailing            | - Standup Paddle                           |
| - Investing          | - Biking                                   |
| - Cooking            | - Coding                                   |
| - Micro-nutrition    | - Reading                                  |
| - Judo               | - Tech or Financial podcasts while running |
| - Hacking            |  |

## PROFESSIONAL EXPERIENCE

### Entrepreneurship in parallel of my activity at Swisslife

Apr 2016 - Feb 2018

- *Design and development of IoT object*
- *Trainer in Project Management with Scrum, Lean Startup and Holacracy, Advanced JavaScript*
- *Innovation Workshop Organisation*
- *Startup Advisor (Architecture) et Instructor AngularJS, Nodejs*
- *Backend Development (REST, NodeJS & MongoDB)*
- *Automatic Tensorflow Models trainings engine manageable with Web/Mobile interface*
- *Deep Learning on Mobile devices and OTA updates*
- *Big Data & Machine Learning Lille Meetup Administrator*
- *Few technical conferences speeches given (i.e: Nutigo...)*

### CTO, Geophyle France (startup of 15 people)

Feb 2014 - Mar 2015

- *Team Management (7 developers)*
- *Architecture, Design and development of the solutions*
- *Projet Management (Budget / Planning / Ressources)*
- *Recruiting*

### Application Architect, Schneider-Electric France

Mar 2013 - Feb 2014

- *Startup Creation - Intrapreneurship project*
- *Facility Management Cross-Platforms Application (<https://youtu.be/gl9t-XTco18>)*
- *Architecture & Development lead (AWS, Web, Mobile, NoSQL)*

### Team/ Technical Leader, Schneider-Electric USA

Jul 2009 - Mar 2013

- *Mobile Cross-Platforms architectures design & development*
- *Technical advisor in the strategy & Innovation department*
- *Mobile development Companies buyout auditor*

### Other Experiences

- *Developer, Arc International (2 months internship 2008)*
- *Seller plumbing shelf (3 months internship 2007)*
- *At home computers repair (from 2005 to 2008)*

## RECOMMANDATIONS ON DEMAND

## TRAININGS & CERTIFICATIONS

- 2021 Ethereum and Solidity Developer Bootcamp, MOOC
- 2020 Forex trading with Ichimoku, MOOC
- 2019 Typescript fundamentals, MOOC
- 2019 Learning Blockchain Dev with EOS and C++, MOOC
- 2018 Google Cloud Platform introduction, Google
- 2018 Kubernetes, MOOC
- 2017 Certif. Lean Management Introduction, Advanced Path
- 2017 Data Science, Advanced level, OCTO, Paris
- 2016 Data Science foundations, OCTO, Paris
- 2016 Certif. AWS Solutions Architect Associate
- 2016 Certif. Machine Learning Andrew NG, MOOC
- 2016 Certif. Intermediate Python For Data Science, Datacamp
- 2016 Amazon Web Services for Data Science, MOOC
- 2016 Mastering Software Development, Arolla, Paris
- 2016 Holacracy, IGI Partners, Training + 4 month mentoring
- 2013 CEH v7 Training and Certification, Sysdream, Paris
- 2012 Certif. Energy Manager Professional, Schneider, Boston