Olivier Eeckhoutte

Freelance
Solution Architect / Tech Lead /
Blockchain & Web development
Expert / DevOps

PROFILE

I feel lucky to work in a field I am passionated about.
Passionated 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

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Location: Morbihan, France
Professional Blog: https://leandeep.com **(Articles about my technical skills)**

Linkedin: https://bit.ly/oeeckhout *(Detailed profile)*

PROFESSIONAL EXPERIENCE

Freelance, Lean Deep

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

- *Worked on Cloud & Python based intermediary platform (i.e: Enterprise Service Bus also called Middleware) and API between the Ecom website, Retail systems and all internal backends systems (i.e: SAP, Salesforce, Cegid and lot's of Ecom related internal systems & SAAS…). More on this successful innovative platform here https://bit.ly/3gs0EHY and here: **This is my personal feedback (Meetup recorded in France) : https://bit.ly/3C0hX9W***
- *Contributed to the enterprise custom customer IAM*
- *Contributed to a new Ecom headless platform and other Web based platforms*
- *Managed different Azure/ Kubernetes migrations and setup all kind of different automations (Terraform, CI/CD, Testing, Monitoring…)*
- *Creation of an enterprise cross-channels Business Activity Monitoring (BAM) using a data stack (i.e: pandas…)*
- *Problems solver*
- *International team*

Apr 2019 - Nov 19 (Engie, Brussels - Senior Software Engineer/ 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

Design & Architecture Patterns
(some concepts I already used: Clean Architecture, CQRS (Command Query Responsibility Segregation), Cloud-Native, Serverless, Micro Services, API Gateway, Service Mesh, Service Oriented Architecture, Message Oriented Architecture with Kafka…)
SQL, NoSQL (MongoDB, Redis, CouchBase, ElasticSearch, BigQuery, DynamoDB, Postgres…)
SSO (keycloak), Oauth2, Vault, UML, IoT, Enterprise Workflows (Camunda), Edge computing (Jetson)

Data Science/ AI

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

DevOps/ Cloud

Azure, Amazon Web Services, Docker, Monitoring, Tests Automation, Linux (RedHat 7, CentOS, Debian), Continuous Delivery, Software Factory (Github, AWS CodePipeline, Gitlab, CircleCI, Azure Devops), Nginx, Kubernetes (+ operators), OpenShift (v3.6 to v4), *Hub & Spoke Architecture, Terraform, 12 Factors*

PROFESSIONAL EXPERIENCE

Feb 2018 - Apr 2019 (Adeo Services - Cloud Architect / 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, 70 Cent (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 & DeFi protocols, Advanced backend Web3 development, Solidity, **Rust**, Security, Hardhat

Web/ Mobile

Javascript (AngularJS, Angular 2+, Ionic, Backbone…), Single Page App, Responsive Web Design, NodeJS, Webpack, HTML5 (WebRTC, WebSockets…), Cordova, iOS, Android, PHP, Java, TypeScript, Vue, Progressive Web Apps, TDD, BDD, DDD

Project management/ Methods

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

LANGUAGES

French
English
German

HOBBIES

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

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