Olivier Eeckhoutte

Freelance
Solution Architect / Machine Learning, Web & Data Geek

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 like to learn new things all the time and share my new discoveries with others.
I spent 3 years in the USA

EDUCATION

Engineer of "Ecole Centrale de Lille", 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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olivier.eeckhoutte@gmail.com
Professional Blog: https://leandeep.com **(Articles about my technical skills)**

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

PROFESSIONAL EXPERIENCE

Freelance, Lean Deep

Feb 2018 - Today (Currently working at Adeo Services)

- *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 evangelisation*
- *SRE (Site Reliability Engineering): development, automation, monitoring (Python, Ansible, Terraform, Prometheus…)*

Jan 2019 - Today (**Co-founder** / CTO FrontAI: **AI Company**)

- *Customer service improvement solution*
- *Architecture et development, Data Science / Machine Learning, DevOps*
- *1st signed customer*
- *AWS Partnership. 2nd partnership almost signed with Robotic Process Automation company*

Sept 2018 - Dec 2018 (20%) (Short contract 1 day a week)

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

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 avec Istio, SOA (Service Oriented Architecture), Message Oriented Architecture with Kafka…)
SQL, NoSQL (MongoDB, Redis, CouchBase, ElasticSearch, BigQuery, DynamoDB, Presto, Hive, Hadoop…)
SSO (keycloak), Oauth2, Vault, UML, IoT, Enterprise Workflows (Camunda)

Data Science / AI

TensorFlow/ Keras, Deep Learning, Machine Learning (Python, scikit-learn, Pandas), FastAI, RPA (UIPath), Scaping, Chatbots, Neural Networks, Amazon Web Services AI tools, Luigi, Tensorflow serving, Kubeflow

DevOps/ Cloud

Amazon Web Services, Docker, Monitoring, Tests Automation, Linux (RedHat 7, CentOS, Debian), Continuous Delivery, Software Factory (Github, AWS CodePipeline, Gitlab, CircleCI), Nginx, Kubernetes, OpenShift, Google Cloud Platform, GitOps

PROFESSIONAL EXPERIENCE

Technical Leader / Solution Architect / Data Champion, SwissLife

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*

Auto-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*
- *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 Conférences speeches*

CTO, Geophyle (startup of 15 people)

Feb 2014 - Mar 2015

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

KEY SKILLS

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

Gestion de projet / Méthode

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

LANGUES

Français ████████████
Anglais ███████████
Allemand ████

LOISIRS

Créative workshops	Biking
Beerology	Windsurfing
Travels	Reading
Padel	Standup Paddle

PROFESSIONAL EXPERIENCE

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 (High school to 2008)*

TRAININGS & CERTIFICATIONS

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