

Lorenz Vanthillo

CLOUD & DEVOPS ENGINEER

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Summary

Cloud and DevOps enthusiast with over 8 years of experience in consultancy. Passionate by AWS cloud computing, Kubernetes, Serverless, automation and infrastructure as code. I enjoy contributing to open source projects, exploring new tools and writing blog posts. Besides work, I love to travel and learn about new cultures.

Education

College van het Eucharistisch Hart

Essen, Belgium

ASO LATIN - SCIENCES

Sep. 2006 - Jun. 2012

- Science subjects (approx. 7 hours), mathematics (4/5 hours), informatics (1 hour)

Karel de Grote - Hogeschool Antwerp

Antwerp, Belgium

PROF. BACHELOR: APPLIED INFORMATICS

Sep. 2012 - Jun. 2015

- Specialization in System & Network Engineering.

Experience

DPG Media (freelance)

Antwerp, Belgium

AWS CLOUD ENGINEER (4/5 UNTIL 12/2023 (FROM THEN ON, 5/5))

Nov. 2021 - ...

- IaC in AWS (CloudFormation (StackSets) and Terraform)
- Organizational setups in AWS (250+ AWS accounts)
- Use wide variety of AWS Services in big environment (50+ services)
- AWS Governance using Lambda (Python), AWS Config, SSM and Step Functions
- Python development for custom AWS solutions
- Very diverse tasks related to AWS networking, AMIs, CI/CD, SSO, containers ...

Lucidus (freelance)

Herentals, Belgium

TECHNICAL LEAD (1/5 DAYS UNTIL 12/2023)

Nov. 2021 - Dec. 2023

- Support in cloud and DevOps setups + EKS PoC for Runtime Fabric
- Serverless projects in Azure using APIM and Azure Functions
- Help defining strategies
- Mentor young graduates

UnifiedPost Group

Antwerp, Belgium

IT OPERATIONS ENGINEER

Mar. 2021 - Nov. 2021

- Working in team in a PCI-DSS compliant environment
- Monitoring with Suricata and Wazuh
- Write Terraform for AWS infrastructure
- Use combination of Packer and Puppet to create AMIs
- Update Ansible and Ansible Galaxy configurations

Evolane NV

Edegem, Belgium

CLOUD & DEVOPS ENGINEER

Sept. 2015 - Mar. 2021

- Working as a consultant for Evolane NV
- Self-study and Docker training during my first weeks
- Organize meetups in the evening for colleagues to talk about new technologies
- Presenting about Jenkins, Kubernetes deployment strategies, AWS
- Supervising interns

Mazda Motor Logistics Europe

CLOUD & DEVOPS ENGINEER

- Put new and existing AWS resources in CloudFormation or SAM
- Use wide variety of AWS Services (+30 services)
- Bash and Python (boto3) scripting (Creating custom git release flow)
- Draw/develop architectural setups in AWS
- Maintain and update Jira workflows + Jira/Confluence management
- Manage and maintain Jenkins + Jenkinsfiles + implement shared library
- Setup and management of EKS (Kubernetes) cluster + writing Helm Charts

Willebroek, Belgium

Sept. 2017 - Mar. 2021

Sodexo

DEVOPS ENGINEER

- Developed new deployment strategy in PowerShell
- SVN to Git migrations of existing repositories
- Maintain + upgrade CI/CD server TeamCity
- AWS related challenges with Elastic Beanstalk, S3 and CloudFormation
- Daily development support

Brussels, Belgium

Jan. 2016 - Aug. 2016

DBM MyShopi

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- Creating Dockerfiles for applications
- Build fully persistent Dockerized CI/CD environment with Jenkins and Nexus
- Build OpenShift Origin environment with Ansible on EC2 instances in AWS
- Creating pods, services, deployments in OpenShift

Diegem, Belgium

Jan. 2016 - Dec. 2016

ScanTrust

DEVOPS INTERN

- Setup CI/CD environment using Jenkins, Ubuntu and AWS EC2
- Configure freestyle Jenkins jobs to build, test and deploy Android, Python and Angular applications
- Create Python hosting environment using Django, Nginx, Gunicorn and Supervisor
- First experiences with Npm, Bower, BitBucket, PhantomJs, S3, Sqlite and PostgreSQL

Shanghai, China

Mar. 2015 - May. 2015

Scripting / Coding	<ul style="list-style-type: none"> • Shell (bash), Python, PowerShell, Go (basic)
Cloud	<ul style="list-style-type: none"> • Amazon Web Services: hands-on experience with 50+ services • Azure: Azure Functions, API Management, ... (general services) • GCP: GKE
Infrastructure As Code	<ul style="list-style-type: none"> • CloudFormation + SAM • Terraform • CDK (Python, TypeScript (basic))
Container Orchestration	<ul style="list-style-type: none"> • Docker/Podman + Docker-Compose • Kubernetes • OpenShift • ECS
Automation / Devops Tools	<ul style="list-style-type: none"> • Ansible + Ansible Galaxy • Chef (basic) • Puppet (basic)
Continuous Integration/Deployment	<ul style="list-style-type: none"> • Jenkins + Shared library • TeamCity • GitLab CI/CD • GitHub actions • BitBucket pipelines • AWS CodePipeline
Linux	<ul style="list-style-type: none"> • RHEL/CentOS, Debian, (Windows Server) • Network, disk, system, package/patch management
Database	<ul style="list-style-type: none"> • SQL (MySQL, PostgreSQL, Oracle (basic)) • NoSQL (DynamoDB, MongoDB (basic)) • Elasticsearch / OpenSearch (basic)
Source Control	<ul style="list-style-type: none"> • Git • SVN
Atlassian Stack	<ul style="list-style-type: none"> • BitBucket • Jira management and workflows • Confluence
Data Stack	<ul style="list-style-type: none"> • DataBricks (basics - learning for Databricks associate)
Additional tooling	<ul style="list-style-type: none"> • Artifactory + AQL • AWS Vault • ELK stack • Maven • Nexus • Packer • SonarQube • Snyk • Vagrant
Soft skills	<ul style="list-style-type: none"> • Flexible • Confidence • Good listener • Presenting experience • Self motivation • Customer-centric
Languages	<ul style="list-style-type: none"> • Dutch, English, French (sound knowledge)

Certifications

AWS Certified Cloud Practitioner

CERTIFICATE

- <https://www.credly.com/earner/earned/badge/c692e153-65da-4b0c-8082-cc3d097ea19f>

Eindhoven, Netherlands

Oct. 2018 - Jan. 2027

AWS Certified Developer - Associate

CERTIFICATE

- <https://www.credly.com/earner/earned/badge/add4ac40-3f8b-4a3c-969f-7aea045e2ab2>

Antwerp, Belgium

Jan. 2022 - Jan. 2027

AWS Certified Solutions Architect - Associate

CERTIFICATE

- <https://www.credly.com/earner/earned/badge/cdeb0071-4a36-4ba6-bb63-16b841be60e2>

Eindhoven, Netherlands

Jan. 2019 - Sep. 2024

AWS Certified DevOps Engineer - Professional (recertified)

CERTIFICATE

- <https://www.credly.com/earner/earned/badge/949e96ce-ccfb-4ee4-8819-c8aa79aeb732>

Kontich, Belgium

Oct. 2019 - Jan. 2027

AWS Certified Solutions Architect - Professional

CERTIFICATE

- <https://www.credly.com/earner/earned/badge/9a55e52f-2439-470e-9076-1caad970248d>

Antwerp, Belgium

Sept. 2021 - Sep. 2024

Certified Kubernetes Administrator (expired)

CERTIFICATE

- <https://www.credly.com/earner/earned/badge/14cc6268-6fc6-4182-b3e7-957fc5fb47fa>

Antwerp, Belgium

May 2020 - May 2023

Microsoft Certified: Azure Fundamentals

CERTIFICATE

- <https://www.credly.com/earner/earned/badge/e9fdb16e-be60-40ca-975a-7e5613000da8>

Antwerp, Belgium

May 2020 - PRESENT

Microsoft Certified: Azure Administrator Associate (expired)

CERTIFICATE

- <https://www.credly.com/earner/earned/badge/6953370d-6224-46df-82a6-597cb4f3c787>

Antwerp, Belgium

May 2021 - May 2023

Docker Certified Associate (expired)

CERTIFICATE

- <https://credentials.docker.com/rgmpc85u>
- License Key: 11678744

Antwerp, Belgium

Jun. 2018 - Jun. 2020

AWS Knowledge: Serverless

TECHNOLOGY KNOWLEDGE

- <https://www.credly.com/earner/earned/badge/c83ce1b4-0b16-4170-9fd0-231c32fec216>

Antwerp, Belgium

Dec. 2022

AWS Knowledge: Cloud Essentials

TECHNOLOGY KNOWLEDGE

- <https://www.credly.com/badges/65fac580-2e29-461b-94a1-4a566585a1c7>

Antwerp, Belgium

Dec. 2023

AWS Knowledge: AWS for Games: Cloud Game Development

TECHNOLOGY KNOWLEDGE

- <https://www.credly.com/badges/6b7014ac-52e4-4d95-83f8-b0a67aac2f1e>

Antwerp, Belgium

Dec. 2023

AWS Knowledge: Amazon EKS

TECHNOLOGY KNOWLEDGE

- <https://www.credly.com/badges/6c6c8995-0c6d-495f-bd3f-2774d165ec57>

Antwerp, Belgium

Dec. 2023

Academy Accreditation: Databricks Lakehouse Fundamentals

TECHNOLOGY KNOWLEDGE

- <https://credentials.databricks.com/d3c844de-72a6-4118-ba9b-d2f7f03a974f>

Antwerp, Belgium

June 2024 - June 2025

AWS Community Builder

AWS

AWS COMMUNITY BUILDER

May 2021 - PRESENT

- Approved as AWS Community Builder
- Participating AWS events and webinars
- Write blog posts about AWS
- Offer AWS support to the community
- Contribute to AWS solutions and repositories

GitHub open source projects

GitHub

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- Open source projects on GitHub: <https://github.com/lvthillo>
 - Terraform modules
 - Kubernetes on Vagrant
 - ...
- Contribute to open source projects like AWS Terraform provider, AWS TEAM solution, ...

Blog projects

Medium & dev.to

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- Blog projects on Medium: <https://medium.com/@lvthillo>
- Blog projects on dev.to: <https://dev.to/lvthillo>

StackOverflow Support

StackOverflow

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- Cloud & DevOps support on StackOverflow
- Reputation of +30k
- <https://stackoverflow.com/users/4525448/lvthillo?tab=profile>

Re:Invent

Las Vegas

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Dec. 2019

- Attend talks, hands-on sessions and keynotes