

# Lorenz Vanthillo

CLOUD & DEVOPS ENGINEER

Kalmthout (Antwerp), Belgium

+32 496 15 38 98 | [lorenz.vanthillo@gmail.com](mailto:lorenz.vanthillo@gmail.com) | [lvthillo](https://www.linkedin.com/in/lvthillo) | [lvthillo](https://github.com/lvthillo) | [lorenz.vanthillo](https://www.youtube.com/channel/UCvthillo) | [lvthillo](https://www.instagram.com/lvthillo)

## 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 and Step Functions
- Very diverse tasks related to AWS networking, 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.
- Small serverless projects in Azure for other customers
- 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

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Sept. 2015 - Mar. 2021

- Working as 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

Willebroek, Belgium

CLOUD & DEVOPS ENGINEER

Sept. 2017 - Mar. 2021

- 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.

## **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**

### **CLOUD & DEVOPS ENGINEER**

- 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*

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

# Certifications

## AWS Certified Cloud Practitioner

CERTIFICATE

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

*Eindhoven, Netherlands*

*Oct. 2018 - Jan. 2025*

## AWS Certified Developer - Associate

CERTIFICATE

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

*Antwerp, Belgium*

*Jan. 2022 - Jan. 2025*

## AWS Certified Solutions Architect - Associate

CERTIFICATE

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

*Eindhoven, Netherlands*

*Jan. 2019 - Jan. 2022*

## 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 - Oct. 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 COMMUNITY BUILDER

- 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

AWS

May 2021 - PRESENT

## GitHub open source projects

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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, ...

GitHub

## Blog projects

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

Medium & dev.to

## StackOverflow Support

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

StackOverflow

## Re:Invent

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- Attend talks, hands-on sessions and keynotes

Las Vegas

Dec. 2019