Lorenz Vanthillo

CLOUD & DEVOPS ENGINEER

Kalmthout (Antwerp), Belgium

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Summary

Cloud and DevOps enthusiast with over 8 years of experience in consultancy. Passionate by AWS cloud computing, 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)
Nov. 2021 - ...

- IaC in AWS (CloudFormation (StackSets) and Terraform)
- Organizational setups in AWS (230+ AWS accounts)
- Use wide variety of AWS Services in big environment
- AWS Governance using Lambda (Python), AWS Config and Step Functions
- Very diverse AWS tasks related to networking, CI/CD, SSO, ...

Lucidus (freelance)
Herentals, Belgium

TECHNICAL LEAD (1/5)
Nov. 2021 - ...

- Support in cloud and DevOps setups
- 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

CLOUD & DEVOPS ENGINEER
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 new Release flow)
- Draw/develop architectural setups in AWS
- Maintain and update Jira workflows + Jira/Confluence management
- Manage and maintain Jenkins + Jenkinsfiles + implement shared library.
- Docker and EKS (Kubernetes)

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

Skills

Scripting / Coding	• Shell (bash), Python, PowerShell, Go (basic)
Cloud	• Amazon Web Services: hands-on experience with 40+ services • Azure: Azure Functions, API Management, ... (general services) • GCP: GKE
Infrastructure As Code	• CloudFormation + SAM • Terraform • CDK (Python, TypeScript (basic))
Container Orchestration	• Docker + Docker-Compose • Kubernetes • OpenShift • ECS
Automation / Devops Tools	• Ansible + Ansible Galaxy • Chef (basic) • Puppet (basic)
Continuous Integration/Deployment	• Jenkins + Shared library • TeamCity • GitLab CI/CD • GitHub actions • BitBucket pipelines • AWS CodePipeline
Linux	• RHEL/CentOS, Debian, (Windows Server) • Network, disk, system, package management
Database	• SQL (MySQL, PostgreSQL, Oracle (basic)) • NoSQL (DynamoDB, MongoDB (basic)) • ElasticSearch / OpenSearch (basic))
Source Control	• Git • SVN
Atlassian Stack	• BitBucket • Jira management and workflows • Confluence
Additional tooling	• Artifactory + AQL • AWS Vault • ELK stack • Maven • Nexus • Packer • SonarQube • Snyk • Vagrant
Soft skills	• Flexible • Confidence • Good listener • Presenting experience • Self motivation • Customer-centric
Languages	• 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. 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 (expired)
CERTIFICATE
- `https://www.credly.com/earner/earned/badge/5f0c3643-6eed-4431-b59c-a3f4d4a02052`

Kontich, Belgium
Oct. 2019 - Oct. 2022

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

ITCommitment

AWS Community Builder
AWS COMMUNITY BUILDER
- Approved as AWS Community Builder
- Follow 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 OpenSource projects
CLOUD & DEVOPS
- OpenSource projects on GitHub: https://github.com/lvthillo
- Contribute to OpenSource 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

StackOverflow

CLOUD & DEVOPS

- Cloud & DevOps support on StackOverflow
- Reputation of +25k
- https://stackoverflow.com/users/4525448/lvthillo?tab=profile

Re:Invent

Las Vegas

CLOUD & DEVOPS

Dec. 2019

- Follow talks, hands-on sessions and keynotes