Lorenz Vanthillo

CLOUD & DEVOPS ENGINEER

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Summary

Cloud and DevOps enthusiast with almost 6 years of experience in DevOps consultancy. Passionate by AWS cloud computing, Serverless, automation and infrastructure as code. I like to contribute to open source projects, to explore new tools and write 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
Nov. 2021 - ...

- IaC in AWS (CloudFormation and Terraform)
- Organizational setups in AWS (185+ AWS accounts)
- AWS Governance using Lambda (Python) and step functions

Lucidus (freelance)
Herentals, Belgium

TECHNICAL LEAD
Nov. 2021 - ...

- Support in cloud and devops setups
- 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 AMI's
- 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 in 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 (Create 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

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

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

Skills

Scripting	• Shell (bash), Python, PowerShell, Go (limited)
Cloud	• Amazon Web Services: hands-on experience with 30+ services • GCP: GKE
Infrastructure As Code	• CloudFormation + SAM • Terraform
Container Orchestration	• Docker + Docker-Compose • Kubernetes • OpenShift 3 • ECS
Automation / Devops Tools	• Ansible + Ansible Galaxy • Chef (basic) • Puppet (basic)
Continuous Integration/Deployment	• Jenkins + Shared library • TeamCity • GitLab CI/CD
Linux basics	• RHEL/CentOS, Debian, Windows Server) • Webservers: Nginx, Apache, IIS
Database	• SQL (MySQL, PostgreSQL, Oracle (basic)) • NoSQL (DynamoDB, MongoDB (basic)) • ElasticSearch (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 • Vagrant
Soft skills	• Flexibility • Confidence • Good listener • Presenting experience • Self motivation • Customer-centric
Languages	• Dutch, English, French (sound knowledge)

Certifications

AWS Certified Cloud Practitioner
CERTIFICATE

Eindhoven, Netherlands
Oct. 2018 - Jan. 2025

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

AWS Certified Developer - Associate
CERTIFICATE

Antwerp, Belgium
Jan. 2022 - Jan. 2025

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

AWS Certified Solutions Architect - Associate
CERTIFICATE

Eindhoven, Netherlands
Jan. 2019 - Jan. 2022

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

AWS Certified DevOps Engineer - Professional
CERTIFICATE

Kontich, Belgium
Oct. 2019 - Oct. 2022

- `https://www.credly.com/earner/earned/badge/5f0c3643-6eed-4431-b59c-a3f4d4a02052`

AWS Certified Solutions Architect - Professional
CERTIFICATE

Antwerp, Belgium
Sept. 2021 - Oct. 2024

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

Certified Kubernetes Administrator
CERTIFICATE

Antwerp, Belgium
May 2020 - May 2023

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

Microsoft Certified: Azure Fundamentals
CERTIFICATE

Antwerp, Belgium
May 2020 - PRESENT

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

Microsoft Certified: Azure Administrator Associate
CERTIFICATE

Antwerp, Belgium
May 2021 - May 2023

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

Docker Certified Associate (expired)
CERTIFICATE

Antwerp, Belgium
Jun. 2018 - Jun. 2020

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

ITCommitment

AWS Community Builder
AWS COMMUNITY BUILDER

AWS
May 2021 - PRESENT

- Approved as AWS Community Builder
- Follow AWS events and webinars
- Write blog posts about AWS
- Offer AWS support to the community

GitHub OpenSource projects
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GitHub

- OpenSource projects on GitHub: https://github.com/lvthillo

Blog projects
CLOUD & DEVOPS

Medium & dev.to

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

StackOverflow Support
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StackOverflow

- Cloud & DevOps support on StackOverflow
- Reputation of +20k
- https://stackoverflow.com/users/4525448/lvthillo?tab=profile

Re:Invent
CLOUD & DEVOPS

Las Vegas
Dec. 2019

- Follow talks, hands-on sessions and keynotesf