

# MAXIME VAUDE

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📍 Paris, IDF, FRANCE

## SELECTED SKILLS

### GCP

- AppEngine
- BigQuery
- Bigtable
- Cloud Dataflow
- Cloud Functions
- Cloud Run
- Composer
- Firestore
- GCE
- GCS
- GKE
- GCP IAM
- IAP
- KMS
- GCP VPC
- Endpoint
- VPN Gateway
- Workflows

### AWS

- EC2
- ECR
- EKS
- CloudFormation
- DynamoDB
- IAM
- KMS
- Lambda
- RDS
- S3
- AWS VPC
- SQS
- CloudWatch
- Karpenter

### Azure

- AKS
- Azure Functions
- Cosmos DB
- Azure SQL
- Blob Storage
- Container Registry
- Azure DevOps
- Pipelines
- Event Grid
- Azure VPC

### General Programming

- Golang
- Rust
- Python
- Node.js
- Shell
- C

### Javascript

- TypeScript
- Angular
- React
- Three.js
- Selenium

### Rust

- Serde
- bindgen
- wasm-bindgen

### Golang

- CDK
- Hugo

### Python

- NumPy
- asyncio
- Flask
- boto3
- Pytest
- Pylint
- Flake8
- GitPython
- Django

### DevOps

- Docker
- Kubernetes
- Grafana
- Helm
- Terraform
- Packer
- Vault
- Consul
- Jenkins
- Datadog
- AMP
- Git
- SVN
- Kafka
- Serverless
- Airflow
- Gradle
- Make
- Gitlab CI
- Github Actions
- Jenkins
- Buildbot
- Ansible
- Salt
- Bazel
- Kibana
- tfsec
- Let's Encrypt
- PXE
- QEMU

### Database

- MS SQL Server
- Bigtable
- Firebase
- BigQuery
- MySQL
- Postgres
- Redis
- MongoDB
- Elasticsearch
- Prometheus
- InfluxDB

### Linux

- Debian/Ubuntu
- CentOS/RHEL
- Fedora
- Arch
- NixOS
- Kali
- Tails

### Other

- Scrum Master
- Rackspace
- Jira
- Artifactory
- Neovim
- VSCode

## EDUCATION

### M.S. in Certificat en Technologie Numérique 42

📅 Sep 2014 – Sep 2019 📍 Paris, IDF, FRANCE

### MOOC in Introduction to Computer Science and Programming Using Python

MITx

📅 Dec 2014 – Dec 2014 📍 edX, Online

## ABOUT ME

- Senior Cloud Architect, Cloud Engineer, DevSecOps Engineer, Software Engineer, Tech Leader.
- Lifelong learner interested in automation and problem solving.
- I am equally comfortable designing a high performance complete solution, or optimize and harden solutions already in place.
- Voracious reader. Gamer. Epicurean. Entrepreneur.

## EXPERIENCE

### Freelancer

#### MV Computing

📅 Sep 2019 – Present

📍 Paris, IDF, FRANCE

- Architect and implement end-to-end automation solutions for critical business processes, including CI/CD pipelines, testing frameworks, and financial reporting systems.
- Lead cross-functional Agile teams in implementing DevOps best practices, resulting in streamlined deployment processes and improved development workflows.
- Spearhead cloud infrastructure optimization initiatives, focusing on enhancing system reliability, security posture, performance metrics, and operational visibility.
- Design CI-CD systems to improve efficiency and reliability of code deployment.
- Design and deploy sophisticated CI/CD frameworks, reducing deployment time and improving code quality through automated testing and validation.
- Provide strategic consulting services for enterprise clients, specializing in cloud cost optimization, architecture assessment, and technical workshops to drive cloud adoption and efficiency.

### Cloud Architect

#### Doit International

📅 Mar 2023 – Jul 2024

📍 Paris, IDF, FRANCE

- Create and deliver comprehensive best practices recommendations, tutorials and sample code to support diverse levels of business and technical stakeholders.
- Serve as a subject matter expert, providing coaching and mentoring to new hires, developing and presenting training sessions, and collaborating with development teams on complex issues to drive technical excellence.
- Develop and implement process improvements and strategic initiatives through close collaboration with leadership, leveraging expertise to optimize cloud engineering operations and drive team success.

### Cloud Engineer

#### Doit International

📅 Oct 2022 – Mar 2023

📍 Paris, IDF, FRANCE

- Utilize technical expertise and customer support skills to serve as a trusted advisor to clients, resolving complex issues spanning multiple cloud services and vendors.
- Collaborate with customers to deliver tailored solutions, utilizing various communication channels including ticketing systems, email, Slack, and video calls to ensure effective issue resolution.
- Partner closely with AWS, Google Cloud, and Azure teams to troubleshoot and resolve customer issues, leveraging technical expertise to drive efficient problem-solving.

### Lead DevSecOps

#### Silvr

📅 Feb 2022 – Jun 2022

📍 Paris, IDF, FRANCE

- Transform and harden current cloud infrastructure as IaC.
- Optimize CI/CD on web and data projects.
- Implement tools for security certifications.
- Federate teams around developer workflows optimization and security hardening.
- Hire and guide a team of talented devops professionals.

### DevSecOps

#### Geodis SCO

📅 Oct 2019 – Nov 2021

📍 Paris, IDF, FRANCE

- Setup and support multiple cloud environments for different projects with CI/CD.
- Manage source code repositories, librairies and versioning.
- Manage security in cloud environments.

MOOC in Introduction to Linux  
LinuxFoundationX

Aug 2014 – Aug 2014 edX, Online

MOOC in Introduction to Statistics -  
Descriptive Statistics  
BerkleyX

Apr 2013 – Apr 2013 edX, Online

M.S. in Programme Grandes Ecoles de  
Commerce  
IDRAC Business School

Sep 2011 – Jun 2013 Lyon, Rhone, FRANCE

M.S. in Programme Grande Ecole  
EPITECH

Sep 2010 – Jun 2011 Lyon, Rhone, FRANCE

Bac in Scientific  
Institution Saint-Joseph

Sep 2007 – Jun 2010 Tassin, Rhone, FRANCE

LINKS

View this resume as a WebAssembly app:  
mvaude.github.io

View the source code:  
github.com/mvaude/mvaude.github.io

- Manage and optimize Kubernetes clusters / Docker images.
- Share knowledge and good practices around microservices and cloud environments.

DevOps / Product Owner  
Scaleway

Jul 2018 – Jun 2019 Paris, IDF, FRANCE

- manage production incidents resolutions and follow-up with support teams.
- define and plan priorities on the roadmap with the team.
- improving developers workflow defining procedures and implementing tools.
- continuous monitoring, alerting, configuration management on distributed architecture.
- deployment scripting and virtualization (salt, pxe, qemu).

R&D Engineer  
Scality

Dec 2016 – Mar 2018 Paris, IDF, FRANCE

- develop a tool to dynamically patch Node.js private dependencies for dynamic e2e testing.
- set up the CI (Circle CI / AWS) with definition of the different pipelines for R&D department.
- deploy serverless micro-services to manage resources and costs in the cloud.
- make the Scality S3 connector's installer compatible with offline installations.
- develop tools for a detailed report on the cost and cloud resources usage for each member or team of the organization.
- monitor Github activities of the organization.
- develop integration test suites for the web interface (pytest, docker, selenium) with automated build in the CI.

Release Engineer  
Scality

Sep 2015 – Dec 2016 Paris, IDF, FRANCE

- migrate from svn to git.
- implement CI with a cloud infrastructure using IaC (Infrastructure as Code).
- set up CI with docker workers for the static test checkers, linters, unit tests suites.
- Develop engineering KPIs computing and a webapp to display them on dashboards in offices.
- Define Release and Contribution processes based on agile methodologies (mainly SCRUM and KANBAN).
- develop a tool to aggregate Open-Source licenses for software and system dependencies.
- develop a git merging robot helper.

Demo