Richard Peres

- In Switzerland with B Permit
- Driver license
  (with personal car)

Socials :

linkedin.com/in/richard-peres

github.com/PERES-Richard

Contact details :

+41 782 315 072

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More info on my website :

www.richard-peres.com

Cloud & DevOps Engineer specialized in Kubernetes, Cloud, Terraform and CI/CD

Work Experience (1/2)

Since 2023 : **DevOps & Cloud Automation Engineer** - Alpian (CH)

- **Platform Administration of GKE clusters**

- **GCP** infrastructure (Anthos, Datastores, PubSub..) development using **Terraform Cloud** private modules

- Definition, implementation and maintenance **deployments** (+60 microservices) through **GitOps** automated flow using **GitHub Actions, ArgoCD, Helm**, …

- **DevSecOps** 'support' and **evangelization** of best practices across developer and business teams

- **Cloud Architecture** design and implementation of **GCP, Azure and Kubernetes** components and dependencies

- Design and creation of all **CI flows** (GitHub Actions)

- Maintaining, improving customs **Helm** charts templates

- Creating and maintenance of **Terraform modules** (GCP, MongoDB, GitHub, Confluent providers)

- Definition, implementation and documentation of **Cloud Assets** (GCP Databases/Datastore, PubSub, etc.) as a '**Platform-As-A-Service**' approach

- Handling l**evel 2 & 3 on-call incidents** (customers blocked, bank flow, infra issues, 3rd party downtime) and implementing **fixes** and workaround together with bank operators and devs

- Implementation of **Grafana** and of metrics dashboards

- Migration of MQ system from **PubSub** to **Kafka**

- Participating in **security assessment**

- **Documenting** architecture, processes, 3rd party, issues

- **Deployment** of new features using **feature flags**

- Design and creation of **internal Docker based images**

- GitHub to GitHub **organization migration**, including repositories, secrets, users and config using **custom bash scripts** and **Terraform GitHub provider**

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Work Experience (2/3)

07-22 - 10-22 : **Cloud & DevOps Engineer** - 3rd Eyes Analytics (CH)

- Administration of **Azure Kubernetes** clusters **(AKS)**
- Azure **infrastructure** development using **Terraform**
- Migrating **CI/CD** from **Jenkins & Atlassian** to **GitLab**
- Creating a **Disaster Recovery** procedure
- Deploying company **fintech** solution using **GitOps**
- Tools used : **Azure Cloud**, **Kubernetes**, **Kustomize**, Docker, Prometheus/Grafana, BitBucket & GitLab, CloudFlare DNS and WAF, GitLab, etc.

09-21 - 07-22 : **Cloud Engineer Consultant** - Deloitte (CH)

- **Consulting** in various Cloud & DevOps topics
- Target Operating Model & Landing Zone definition
- **Multi-cloud strategy** documentation and advisory
- **DevSecOps** organization adoption framework
- Public organization, Banks, Insurance, etc. clients

2020 - 2021 : **Cloud & DevOps Engineer** - Orange (FR)

- **Big Data Software Development** for **Cloud** application
- Dev. of **2 Kubernetes** operators : **Casskop** & **Nifikop**
- **SCRUM** Product Management feature creation, implementation, units & **E2E tests**, deployment (on **GCP**), maintenance/support and termination
- Tools used : GCP/GKE, **Kubernetes**, **GitLab & GitHub**, **Go,** Circle CI, etc.

2019 - 2021 : **Freelance Web Developer** - PR Consulting (FR)

- Created the **PR Consulting** (www.pr-consulting.fr)
- **IT Consulting, Webmaster & Website creation**
- **Front & Back** End (JavaScript, PHP & CMS)
- **SEO** advisory and implementation
- Worked with **individuals** and **professionals**
- Managed and administered **self-company**

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Work Experience (3/3)

2018 : **Web Developer -** Web Alliance (FR)
- Internship as Web developer for 3 months
- **PHP, WordPress, PrestaShop**
- SEO/SEA for local businesses

Education

2018 - 2021 : **IT Engineer's Degree** - Polytech Nice (FR)
- **Software Architecture** specialty
- **Engineering Degree** with last year in apprenticeship
- Course at **Polytech Nice**-Sophia Antipolis, FR
- Work at **Orange DSI** Digital Factory of Mougins, FR
- Multiple group projects on **Software development and architecture** like scalability, POO patterns, Front+Backend

2020 - 2021 : **Master's Degree 'MAE' -** I.A.E of Nice (FR)
- **Management and Business Administration**
- Business management, Business Model, …
- Accounting, RSE, Management, …
- **Double** additional **Master Degree** for 1 year

2016 - 2018 : **IT Diploma (ADIT) -** University of Nice (FR)
- Introduction to **programming** (C, Java, Python, …)
- Base of IT (network layers, system, language, etc.)
- Web development (HTML, CSS, PHP, JS)
- Project management, accounting, English proficiency

Certifications

09-2022: **Hashicorp Terraform Associate**

09-2022 : **Certified Kubernetes Administrator** (CKA)

08-2022 : **Certified Kubernetes Application Developer** (CKAD)

03-2022 : **Microsoft Certified: Azure Fundamentals** (AZ-900)

07-2021 : **Google Cloud Platform Fundamentals**

06-2021 : **GitLab Certified Associate**

CKS and AWS & GCP Solution Architect certifications up next

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Skills

Cloud :

- **GCP + Azure certified** *(also ongoing AWS Solution Architect)*
- **Cloud** Architecture *(12 factors)*
- **Cloud Service Models** pros/cons (PaaS, IaaS, KaaS)
- Infrastructure As Code (**Terraform certified**)
- **Google Kubernetes Engine** & **Azure Kubernetes Service**
- **AWS (services** knowledge, certification in progress)

DevSecOps :

- **Kubernetes & Docker (CKA + CKAD Certified)**
- **DevOps** Agility (**Scrum** & *Kanban*)
- CI/CD (**GitLab certified**, **GitHub Actions,** *CircleCI*)
- **GitOps** processes (**ArgoCD**)
- Linux Environment (**Bash & Python scripting**)
- *Logs, alerting & monitoring* (**Log Explorer, Grafana**)
- **OWASP** and vulnerabilities scan/detection
- IAM best practices (Zero Trust)

Software Engineering :

- **Software** Architecture (**Microservice**)
- **Go** & Java software development
- **Consulting** in Cloud / Infrastructure strategy
- MongoDB, InfluxDB, Cassandra (**NoSQL**)
- **NodeJS** (*REST & GraphQL APIs*)

Languages

- **French** - **native**
- **English** - **fluent** (900 TOEIC)
- Japanese - notions
- Spanish - notions
- Italian - notions