

# Badis MERAKCHI

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Cessy 01170

Swiss work permit G (UE)

mobility: Geneva/Switzerland (driving license)

## DEVOPS & CLOUD ENGINEER

IT Consultant specialized in **Cloud Engineering** and **DevOps** practices, with a strong focus on **automation** and Infrastructure as Code (**IaC**) within Oracle Cloud Infrastructure (OCI), AWS and Microsoft Azure. Experienced in streamlining development lifecycles for the Swiss banking sector by implementing robust CI/CD pipelines, ensuring security compliance, and optimizing cloud governance.

### TECHNICAL EXPERTISE

- **DevOps & Automation:** Infrastructure as Code Terraform (OCI, AWS, AZURE), Containerization (Docker), Kubernetes (EKS, Kubectl, Helm, LoadBalancer service, Grafana, Prometheus), configuration management (Ansible) CI/CD pipelines (GitHub Actions), Lifecycle management, Automated cleanup (FinOps)
- **Cloud Infrastructure:** Oracle Cloud Infrastructure (OCI), AWS (EC2, VPC, IAM, S3), Microsoft Azure, Cloud Governance & Security.
- **Networking & Security:** VCN/VPC configuration, Security Lists, Load Balancing, Identity & Access Management (IAM), FinOps (Cloud cost optimization).
- **Databases:** PostgreSQL, MySQL, MongoDB.
- **Programming:** C/C++, Bash, JavaScript, Python, HTML/CSS.
- **Leadership & Consulting:** Project management, IT governance, coordination of stakeholders.
- **Operating Systems:** Linux Administration (Ubuntu, Oracle Linux, Debian), Windows Server, MacOS

### PROFESSIONAL EXPERIENCE

04/2022 - 12/2025

CLOUD CONSULTANT

Oracle, Geneva

Cloud consultant responsible for designing, deploying, and securing cloud infrastructures for Swiss clients (Rothschild, Lemo, CornerBank, Avaloq...), ensuring compliance, reliability, and performance.

- **Design and Implementation of secure SFTP solutions:** definition of cloud architectures, virtual machine provisioning, network configuration (public IPs, ports), SSH key-based authentication, Single Sign-On (SSO) integration, and audit mechanisms.
- **Implemented Infrastructure as Code (IaC) principles using Terraform and Bash** to automate OCI environments, significantly reducing deployment lead time and improving system reproducibility.
- **OCI tenancy management and governance:** cloud resource structuring, access management, improved cloud resource governance, and reporting.
- **Implementation and coordination of FinOps practices**, including consumption audits, reduced cloud expenditure, and budget optimization recommendations.
- **Contribution to migration and operation projects for critical environments**, including operational automation, technical audits, and reporting.
- **Continuous optimization of cloud operations:** proactive and reactive maintenance, quarterly security patch management, performance monitoring, and quality assurance.
- **Led client technical workshops** and provided architectural documentation, ensuring the stability of cloud environments, quarterly security patching, and risk-mitigated go-live processes.

## **09/2020 - 03/2022 EDUCATIONAL MANAGER & TEACHER**

### **Epitech Digital, Lyon**

Academic manager responsible for the implementation and facilitation of educational activities, in coordination with academic teams.

- Support and follow-up of computer engineering students throughout their studies, contribution to the continuous improvement of educational programs, coordination of instructors, and participation in the life and development of the school.

## **07/2021 - 12/2021 PROJECT MANAGER (As Freelance)**

### **IglooHub, Lyon**

Freelance project manager for a company specialized in website development, managing web projects end-to-end in coordination with clients and a multidisciplinary team (developers, designers, SEO specialists, and testers), ensuring delivery within scope, timeline, and quality expectations.

- Coordination of internal teams and client interactions, ensuring follow-up on requirements, deliverables, and validations throughout the project lifecycle.
- Supervision of web deliverable quality across design, development, testing, and deployment phases, resulting in improved client visibility, closer collaboration, and a stronger feeling of being supported throughout the development lifecycle.

## **EDUCATION**

### **2015 - 2020 IT EXPERT DEGREE, MASTER LEVEL**

#### **Epitech, Paris**

Description: Algorithms and data structures, web development, distributed systems, object-oriented programming.

### **2018 MASTER COMPUTER SCIENCE ENGINEERING**

#### **Dublin City University, Dublin**

Description: Advanced algorithms, data structures, software engineering, distributed systems, databases, object-oriented programming, and academic projects in an international environment.

## **CERTIFICATIONS**

- Oracle Database Explorer
- Oracle Cloud Infrastructure Certified Foundations Associate
- Oracle Cloud Infrastructure AI Foundation Associate
- Docker Foundations Professional Certificate
- ServiceNow IT Leadership Professional Certificate
- Career Essentials in GitHub Professional Certificate
- Atlassian Agile Project Management Professional Certificate

## **LANGUAGES**

- French: Native
- English: C1 (fluent)

## **INTERESTS**

- **Bodybuilding:** Long-term commitment to discipline, performance tracking, and goal-oriented training.
- **High-Performance Automotive:** Technical optimization and engineering of high-end vehicles (BMW M-Series).
- **Tech Scouting:** Continuous learning of new technologies and trends.