

Skills

Programming

- C++
- Java, Maven
- Python
- Go
- HTML / CSS / Js
- SQL
- Bash

Testing

- GoogleTest
- JUnit & Mockito
- Pytest
- Cucumber
- TDD
- BDD

Frameworks

- OSGi
- FastAPI

Tooling

- Docker
- Podman
- Git
- Kubernetes
- ArgoCD
- Jenkins
- Gitlab & Gitlab CI

Languages

- English
- French
- Spanish
- Greek

Work Experience

DevOps engineer

Amadeus - Klanik

July 2023 - Current

Development of tools and practices for the cloud migration of Amadeus applications.

- **Responsible of an operator deploying routing components**
- **Migration to ArgoCD**
- **Dashboard and alerting**

- Kubernetes
- Docker
- Podman
- ArgoCD
- Grafana
- Prometheus
- Jenkins
- Python
- Go

Java Software engineer

Atos - Amaris consulting

March 2022 - July 2023


Development of a battlefield awareness application used by foot soldiers as part of Atos Digital battle management ecosystem.

- **Feature development**
- **Introduction of BDD tools and practices to the team**
- **POC and benchmarks**

- Java 8, Maven
- JUnit
- Mockito
- Cucumber
- Appium
- Android 11
- Hexagonal architecture
- OSGi framework
- Jenkins

 <https://www.linkedin.com/in/marc-muller-dev/>

 muller_marc_psi@yahoo.fr

 +33 6 85 09 39 83

 <https://marcdev.eu>



C++ Software engineer

Zimmer Biomet Robotics - Amaris consulting

July 2020 to February 2022

Developments on the Rosa One and SpineNav project, robotics platforms assisting surgeons during brain and spine surgeries

- **Redaction of specifications, requirement and detailed architecture**
- **Features and evolution**
- **Automated and manual testing**
- **Defect investigation**
- **Risk assessments**
- **Git trainings**

- C++ 17
- Multithreading and library development
- Windows 10, Visual Studio 2022
- Web based GUI
- Google Test
- MVC architecture
- SQLite
- InfluxDB
- Perforce / Git
- Jenkins
- Gitlab & Gitlab CI
- Python

C++ Software engineer

Amadeus - Amaris consulting

May 2019 to June 2020

Developments on the Internal access right management solution. Highly customizable and handling the security needs of hundreds of districts clients (airlines, hotel groups, travel agencies)

- **Evolution and feature development**
- **Database query optimization**
- **REST API endpoints development and testing**

- C++ 14
- Linux - RedHat
- Boost test
- MVC architecture
- Jira
- Confluence
- Scrum methodology
- SQL database

Nuclear engineering

Technicatome, Aix-en-Provence

2018

Modeling of research reactor cores using Monte-Carlo simulations.

- Tripoli
- Linux
- Bash
- C++

Education

Diplôme d'ingénieur en électronique et physique appliquée spécialisé en génie nucléaire École Nationale Supérieure d'Ingénieurs de Caen (ENSICAEN)


2014 - 2017


Développeur intégrateur en réalisation d'applications web Titre RNCP niveau III

3W Academy, Aix-en-Provence

2018

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