



**Enthusiastic IT professional** with extensive experience in testing, development, and system administration. I am strong in **automating IT systems**. Understanding the **needs**, working with **stakeholders**, and focusing on the **best result** is key. I look forward to harnessing my expertise within the ever-evolving technology sector.

# Patrick Guermonprez

## Freelance DevOps Engineer - Test Automation Engineer

### Contact

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PatrickGuermonprez

### Core Expertise

DevOps  
System administration  
Test automation  
SW Development

### Technical skills

Ansible, Docker  
Linux administration  
GitLab, TeamCity, Hudson  
Python, Java, Scripting

### Personal skills

Analytical, Versatile, Result oriented,  
Determined, Team player, Innovative,  
Attention to detail, Outside the box  
thinking

### Education

#### Master's in industrial engineering

Electromechanical / automation  
ISIC Ht, Mons | BE 1993 - 1997

#### Certificat d'aptitudes pédagogiques

Methodology & communication  
IRAM, Mons | BE 1996

### Certifications

**CKAD**  
Certified Kubernetes Application Developer  
The Linux Foundation Feb. 2024

### Additional training

**Basic first aid**  
Idewe, Namur | BE 2011

**Crew member first response**  
A-first, Louvain-la-Neuve | BE 2004

### Language skills

French ██████  
English ██████  
Dutch ██████

### Professional experience

 **IBA** 2013 - 2023

**System Administrator** 2018 - 2023

Automation of IT infrastructure deployment for the new IBA protontherapy centers

- Develop **Ansible** roles for **automated provisioning** and deployment of physical/virtual **Linux/Windows** systems
- Develop a dynamic inventory script
- Setup **continuous integration** using **GitLab**
- Implement "on-demand" deployments of multi-server virtual environments using **Rundeck**
- Coordinate **Ansible** roles development, test updates, code review, and integration

**Test Architect** 2015 - 2020

- Maintain and extend **automated tests**
- Migrate **Hudson** test environment to **TeamCity**
- Train new colleagues on the legacy test environment
- Manage **virtual machines** of the test environment
- Implement test environment with **Docker**
- Rewrite kernel of the legacy automated test framework
- Implement tests by using a "**Model Based Testing**" methodology

**Software Test Engineer** 2013 - 2015

 **Alcatel - Lucent** 1997 - 2013

**Expert Test Engineer & SW developer** 2006 - 2013

Develop and maintain tools, applications, and scripts to validate the various resources of a software platform

- Formalize **tests** and define **test plans**
- Train colleagues in test techniques and support
- Install and maintain Unix/Linux servers
- Execute **functional, load, stress, and endurance tests**

**Test engineer & SW developer** 2001 - 2006

**SW developer** 1997 - 2001