Paul Bourhis

French DevOps - 3.5 years of experience
Looking for a new opportunity abroad

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Linkedin link
27 years old

Skills

DevOps

Cloud :	Azure (Certification Az-900) , AWS	Monitoring :	Logstash, Elasticsearch, Grafana, Promotheus
Versioning :	Git, Perforce	CI :	Jenkins
Administration :	Ansible, Terraform	Container :	Docker, Kubernetes

Programming

Language :	Python, C/C++, Bash, Groovy, LaTeX	Data science :	Data analysis with pandas Advanced digital signal processing
Other :	UI design with the Qt framework	OS :	Linux (Red Hat, Ubuntu)

Languages

English :	Fluent and professional (TOEIC : 915)	Spanish :	Level C1 (several months spent in Spain)

Relevent experience

03/2021 - actual

DevOps - Python Developer (1.5 years) , *MUREX*, Paris
Developer and Devops in the MACS software team.
— CI Chanpion in a team of 10 developers
— SRE on web services hosting the main C++ solution
— Implementation of a stack of monitoring for services and a server cluster
— Administration of Linux remote servers
— Containerization of several application with Docker

09/2019 - 02/2022

Embedded Software Engineer (2 years), *THALES SIX GTS*, Paris
C++ Development of software components for SCORPIONS vehicles
— Implementation of data exchange between the vehicle and its equipment (C++)
— Migration of the build chain to Cmake
— Development of unit and functional tests (Jenkins and python)
— Building of the test platform, and setting it up with cmake and our IDE
Development of a GUI intended to pilot CONTACT radio products
— Implementation of an SNMP client-server
— Development of the GUI in Python with Qt tools

04/2018

Internship Assistant Engineer (3 month), *UNIVERSITAT POLITECNICA DE VALENCIA*
C development of a robotic arm based on a STM32 board
— Implementation of incremental encoders between the motors and the STM32 board
— Management of sending and receiving data via UART link
— Acquisition and processing of data by a python algorithm

05/2017

Worker internship (2 months), *EDISON ELECTRONICS*, Badalona (Spain)
As a worker in a PCB manufacturing company, I helped in the design and production of electronic cards.

Education

2016 - 2019

Graduate Electrical Engineering, IT and Telecommications Shool, *at ENSEA*, France
Major : Embedded Systems
Option : Computer, Automation and Internet of things

2013 - 2016

Preparatory class PTSI-PT, *Lycée A.R-LESSAGE*, France
Three-year undergraduate intensive course preparing for the competitive entrance examinations to French top-level "Grandes Écoles".
Main subjects : Physics, Mathematics and Computer-science

Projects and activities

2022 — **Project resume**, *(Terraform / Azure)*, Provides a linux dev environment via terraform
`https://github.com/Pyodin/azure-terraform-project-resume`

2015 - 2019 — **Private teacher**, *Mathematics and Physics*

2018 - 2019 — **University Project**, *ENSEA*, Cross-development on a Linux i.MX6 card
— Configuration of a Linux kernel with Yocto
— Acquisition and data transfer from an inertial unit by SPI, CAN and Wi-Fi link

2017 - 2018 — **Associations**, *ENSEA*, Student board member, and organizer of the Integration Weekend