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🏠 Paris, France

📁 Stuttgart, Germany

In a few words I am a passionate of new technologies and particularly robotics and all its fields of application. I am currently working in Synapticon, in the Stuttgart area for 3 years, on the software for an **autonomous robot**. I have mainly worked on **devops** topics (CI/CD) but also on high level with **ROS**, low level using **SOMANET** and the development of the **embedded linux**. I also recently started doing **Freelancing** in devops topics to challenge my skills and enhance my knowledge by delivering more applications.

Experiences

🇩🇪 SYNAPTICON

March 2015 - today
(3 years)
Full time

⚙️ CI/CD, OS, HIGH AND LOW LEVEL SOFTWARE DEVELOPMENT FOR AN AUTONOMOUS ROBOT TARGETING THE CONSUMER MARKET

- *(Expert)* **Created** and continuously improving a fully automated CI build and deployment **infrastructure** and processes for multiple projects. Developed containers to support my colleagues and their pipelines. Worked on the **Architecture, Development, Test, Security and IT Services** (using **AWS**). Writing scripts for build, deployment, maintenance and related tasks using **Jenkins, Docker, Terraform, Packer, Python** and **Bash**. Installing, configuring and maintaining Continuous Integration, **Automation and Configuration Management tools**
- *(Expert)* Building and managing optimized embedded systems using **Yocto**
- *(Good knowledge)* Developing low level software on **XMOS multicore chips: sensors and motor control** applications
- *(Knowledgeable)* High level software with **ROS**. Localization and navigation in **C++ and python**

Being in a **small team**, I have been involved in different parts of the project at start: low level, high level, benchmarks and testing. I am working with development **best practices** in an **agile environment**.

🌐 FREELANCING

May 2018 - today

∞ DEVOPS DEVELOPER/MANAGER

Improving and creating CI/CD process, putting applications in containers, providing more robust development environments.

🇫🇷 MAINTOOL

April - July 2014
Internship

♥️ HEART RATE SENSOR DESIGN

Electronic design of the **main sensor** of a connected watch strap, **based on LEDs and photodiode**. I also developed the software for it. It is now included in their main product.

Education

ESIEA

2010 - 2015

🎓 GRADUATE SCHOOL OF ENGINEERING - MASTER 2

Embedded systems major, 3 years in robotics student organization (including one year of presidency), robotics **courses and competition** organization.