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# **PROFILE**

10 years of experience

Experience in **design** and **architecture** of distributed web services.

Interests in back-end development, DevOps, Embedded systems and Machine Learning

Open Source advocate

Python charmer,

Emacs user:)

## **EDUCATION**

# • September 2008 - September 2010 ESMT (Dakar, Senegal)

MSc in Telecommunications Waves physics, Mobile networks architecture and services, network routing algorithms, statistics

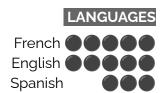
# • September 2005 - September 2008 ESMT (Dakar, Senegal)

BSc in Engineering Sciences Applied mathematics, automation, computer science, computers architecture, programming

### **SKILLS**

Sharpened skills in **Python**Embedded electronic programming with **C++ Backend** development with **Flask, Django ERP** programming with **Odoo** 

**OS**: Linux, MacOS **Infrastructure**: git, docker, vagrant, heroku



# **Thomas Ayih-Akakpo**

# **Software Engineer**

### **EXPERIENCES**

• September 2020 - now

Code & Scale, Antananarivo - Madagascar Software Engineer - Part-time

Software engineer in charge of web and Al projects.

Python, Java, React

#### November 2021 - now

# Acipenser Madagascar, Antananarivo - Madagascar

Chief Information Officer - Full time
Redesigning the information system of the
company to ease the use of data in forecasts,
marketing and sales. Leading the development
team in the creation of better web UI/UX
Python, Django, React

#### November 2018 - October 2021

# Acipenser Madagascar, Mantasoa - Madagascar

Chief Information Officer - Full time

In charge of software development, helping the sturgeon farm into its digitization process.

Designing internal tools for better forecast and productivity.

Python, Django

# • January 2017 - July 2018

### Blueline, Antananarivo - Madagascar

**Lead Software Engineer** 

Developed and customized software for diverse needs.

Successfully oriented the skills of the developers team through a renewed development workflow, easing projects on-boarding and management, reducing by half, the time to delivery we had so far.

Python, C++, Flask, RabbitMQ, PostgreSQL

#### • September 2010 - December 2016

# Blueline, Antananarivo - Madagascar

Research and development engineer
Research and development of new products for digital TV and phone services.

Python, C++, Django, Flask, Redis