HUGO RIOU

SENIOR SOFTWARE ENGINEER

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ABOUT

Proficient Full Stack Engineer with a particular appetite for data related subjects,

passionate about using technology to solve challenging problems.

I am a curious developper with proven communication and organisational skills.

Looking for an exciting position where making the most impact would be the primary philosophy.

SKILLS

Team work

Problem solving

Python

NodeJS

HTML/CSS

Kubernetes

Docker

Terraform

Linux

TypeScript

LANGUAGES

French | Fluent

Anglais
 | Full Professionnal Proficiency
TOEFL (108/120)

EXPERIENCES

Senior Software Engineer   Sep 2020 — Now
Enexflow — Paris

Main Full Stack Engineer on the company's flagship product, an EMS platform designed to help Energy Professionals mitigate operational and financial risks managing their assets, by letting them monitor, analyze and optimize their portfolio.

Typical tasks include:

- REST and GraphQL APIs development,

- Database design and management,

- Tasks design and assignation, scrum management along with the CTO,

- Frontend development,

- CI & CD pipelines setup

- Developper Experience improvement, good practice,

- Test implementation & automation (Mocha, Pytest, Selenium)

Actively took part in product and features design.

Managed up to 2/3 interns.

Organised a recurrent conference to vulgarize tech subjects for all teams.

Actively took part in recrutement.

Full Stack Intern   Jan 2019 — Jui 2019
Hellofresh — Sydney

Owner of a custom tool used as ETL and Data Lake, to gather internal data coming from all BU and ease further data analysis tasks.

Full-stack development, feature creation and improvement both on

front & backend (Python, VueJS, PostgreSql, AWS, Docker).

Responsible for the full database restructuration. Coordination with all the database's clients.

Example of feature development: Automatic email sending, forecasts and

discrepancies visualisation, automatic customer complaints management.

Logistics Data Intern   Avr 2018 — Sep 2018
Procter & Gamble — Paris

Data processes automation within the logistics master-data team (Python Selenium, SAP scripting, VBA, Knime, Shell).

Change management and collaborators training on implemented automation

tools.

Shared resources creation for the whole Logistics Service, aiming at auto-training in automation.

EDUCATION

MSc Energy Systems & Data Analysis   Sep 2019 — Sep 2020
University College London — London

Study of energy systems through the lens of data analytics and machine learning.

Master Thesis: Reinforcement Learning to run Power Networks. Implementation

and comparison of Reinforcement Learning algorithms (A3C, PPO, QRDQN) on a

Power Grid simulator. Collaboration with RTE.

MEng Industrial Engineering   Sep 2016 — Sep 2019
Ecole Centrale de Nantes — Nantes

General engineering, with courses including Computer Science, Solid & Fluid Mechanics, Manufacturing, Thermodynamics, Economy, Finance, Project Management, ...

Specialization in Industrial Engineering.