



ROYANT ELODIE

Fullstack Developer and Data Scientist

DETAILS

Contact

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France
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Driving license

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Date / Place of birth

6 oct. 1984
France, 88

Nationality

French

PROFESSIONAL SUMMARY

15 years of experience in data science and fullstack development. During the past 6 years, I have supported startups in both development and data aspects. Today, I am capable of developing a data product, including the machine learning algorithm, from A to Z.

I enjoy working on projects that adhere to best development practices (TDD, DDD, clean architecture) to ensure that the delivered solution is sustainable.

As for the sector, I enjoy working on project that makes sense to me: ecology, ed-tech.

PROFESSIONAL EXPERIENCE

Mobile developer, CompteCO2, Remote

MARCH 2023 – JULY 2024

Development of CO2 App from scratch, maintenance and new features, development of components for Fortesie App, integration of treezor SDK. Implementation of clean architecture and clean code principles: developing an app for sustainability in a sustainable way.

#React-Native #Expo #Typescript #Storybook #TDD #Clean-Architecture #DDD

Fullstack developer and data scientist, Freelance, Paris

AUGUST 2018 – PRESENT

Completed various missions in front-end (React/TypeScript), mobile applications (React Native/TypeScript/Expo/Storybook), back-end (NodeJS/TypeScript, Golang, Python, Firebase), machine learning and deep learning (Python, pandas, scikit-learn, PyTorch, LLAMA3_70b, scrapy, groq, streamlit), and video games (ThreeJS, Godot, Unity) for startups or within structured agile teams. Since the mission at Oney, I have learned to respect best development practices (TDD, DDD, clean code, clean architecture).

- NLP pipeline for Wescreeen to extract summaries from insurance contracts (1 month).
- Web mapping application (NextJS / TypeScript / Storybook / Leaflet / Windy) to track boat races for Regatt (1 month).
- WebGL screens for Playplay (2 months).
- Back-end for Koachub (2 months).
- Game, front-end, back-end, deep learning (transfer learning with PyTorch) for Lexiko (9 months).

- Microservices for Oney (10 months).
- Design and development of the Learning Management System for EvidenceB and led a team of 5 developers and 2 data scientists (15 months).
- Screens for a mobile application for Lili (3 months).
- Web app of the front-end for Whire (9 months).
- Design and development new products (Outlook add-in, dashboard) for Mailoop (3 months).

Data Scientist, Oscaro.com, Paris

APRIL 2014 – JUNE 2017

Oscaro.com is the specialist in online sales of automotive spare parts

- Gathering of analysis requirements from the marketing department
- Design and implementation of solutions (KPIs, tracking dashboards, experimentation protocols, machine learning models, etc.)
- Supervision a team of 3 data scientists and support of 4 marketing operations staff (acquisition, UX, and retention)

Data Analyst, MAPP Consulting, Paris

JULY 2008 – MARCH 2014

MAPP is a company that produces economic and statistical analyses to support its clients' defense in competition economics cases (price-fixing, abuse of a dominant position, mergers, etc.)

- Formulation the "case theory" (the economic narrative explaining the alleged anti-competitive behaviors)
- Definition of data requirements
- Implementation of economic and statistical analyses (linear, logistic, and non-linear regressions, microeconomic model simulations, etc.)
- Write the economic and statistical report

EDUCATION

Fullstack Javascript developer, IFOCOP, Paris

NOVEMBER 2017 – AUGUST 2018

#Javascript ES5 #jQuery #AngularJS #NodeJS #Express #Socket.io #HTML5 #CSS3 #MongoDB #React

Fullstack web developer, Le Wagon, Paris

JANUARY 2017 – MARCH 2017

#Ruby on Rails #Javascript ES5 #jQuery #HTML5 #CSS3

Master's Degree in Economics and Statistics, ENSAE (INSEE), Paris

SEPTEMBER 2006 – JUNE 2008

Econometrics, statistics, microeconomics, macroeconomics, R, STATA, SAS, VBA, etc.

LINKS

[Portfolio](#) [Github](#) [LinkedIn](#) [Malt](#) [Whire](#)

SKILLS

Typescript



Python



Godot



Firebase



Anglais



Firebase



React



Golang



NodeJS



React-Native / Expo



Unity



HOBBIES

Board games, video games: former WoW gamer (healer shaman Atheane with CNFC, world 2000 on Baleroc HM / Firelands), casual gamer today (preference for cooperative games like overcooked), electronic music, surfing, yoga, piano, asian cuisine