

Jonathan Perron

Product Owner & Back-end Engineer

28 cours de la République

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Technical skills

| | |
|----------|---|
| Language | Python, SQL, Java, Javascript |
| RDBMS | PostgreSQL, MySQL, Microsoft SQL Server |
| NoSQL | BigQuery, Elasticsearch |
| Cloud | Docker, Ansible, Kubernetes, Terraform |

Professional experience

- Now-
Oct. 2020 **Product Owner/Back-end Engineer**, *Lumapps*, Lyon area, France.
- **Mission 1** : Product Owner.
 - Transverse management of feature teams;
 - Functional specification redaction;
 - Quality assurance test writing and execution;
 - Weekly reporting to Product Managers.
 - **Mission 2** : Back-end Engineer.
 - Feature development;
 - On call support.
- Technologie**: Python, Flask, PostgreSQL
- Oct. 2020-
May 2018 **Back-end/Data Engineer**, *Lumapps*, Paris/Lyon area, France.
- **Mission 1** : Data engineer.
 - Team scrum master;
 - Architecture of batch and real-time ingesting pipelines;
 - Architecture and development of a full SQL-compute engine;
 - Deployment on cloud managed services using CI/CD (GCP, Azure);
 - Tech talks and articles on the internal technical blog.
 - **Mission 2** : Technical Lead Back-end.
 - Managing meetings and reports about the evolution of the architecture (8 people team).
- Technologie**: Python, Java, PostgreSQL, BigQuery, Apache Beam
- Apr. 2018-
July. 2017 **Data Engineer**, *InUse*, Paris, France.
- **Project 1** : Improving search engine in the datalake;
 - **Project 2** : Conception and development of a fast industrial data integration framework (latency < 30 seconds).
- Technologies**: Python, Javascript, PostgreSQL, Elasticsearch
- June 2017-
May 2017 **Fullstack developer**, *Saint-Gobain Glass DTI*, Aubervilliers, France.
- **Project 1** : Development of a training simulator for production technicians.
- Technologies**: Django, Javascript, Python, Microsoft SQL Server
- Apr. 2017-
July. 2015 **Fullstack developer**, *Syllage*, Paris, France.
- **Project 1** : Internal information system.
 - Data mining and modelisation on external performances and timetable;
 - Automatic generation of bills;
- Technologies**: Django, Python, Javascript, PostgreSQL

Degree

2014 **Ph.D.**, *Université Pierre et Marie Curie (France) - Paul Scherrer Institut (Switzerland)*.
Analytical and physical chemistry

Side projects

Now- **Ecojobs.fr**, *Job board for ecology*.

Dec .2020 **Core** : Django, PostgreSQL; **Front** : Vue.js.

Jui. 2019 **Cerberus**, *Remote monitoring with automated object detection*.
Core : Python, Tensorflow, Redis, Falcon.

Jui. 2018- **QualiB'**, *Moniroting the RER B transport line in the suburbs of Paris*.

Mar. 2017 **Core** : Python, Meteor, MongoDB; **Front** : React; **Server** : Nginx.

Juin 2017- **Meetntrip**, *Web app of collaborative travelling*.

Fev. 2017 **Core** : Python, Flask, MongoDB; **Front** : Angular; **Server** : Nginx, Docker.

Languages

English Full professional proficiency

German Limited professional proficiency

2021 : B1

Autres

Popularization Scientific communication about scientific research at Synchrotron facility since 2019 with Sciences ACO.

RPG Weekly meeting with a table of 3-5 players since 2020.

Reading Science-fiction (Lovecraft, Asimov, Dick), strategy (Sun Tzu, Machiavel, Clausewitz).

Voyages Several travels in Europe (Germany, Switzerland, Belgium)