Jérémie MÉRIGEAULT

Big-Data Engineer,
Aspiring Data Scientist

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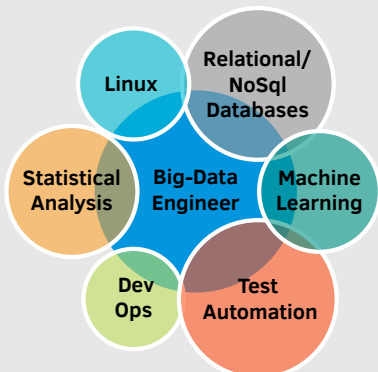
🌐 http://github.com/~JeremM

✉ jeremie.merigeault@gmail.com

Skills

Linux · Relational/NoSql Databases · Big-Data Engineer · Machine Learning · Statistical Analysis · Dev Ops · Test Automation

Interests

Craftmanship

Open-source

Data Visualization

Statistical Analysis

Software Development
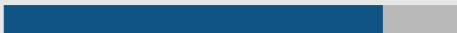
Big Data & Distributed Computing

Languages

Shell · LaTeX · Java · Scala · SQL
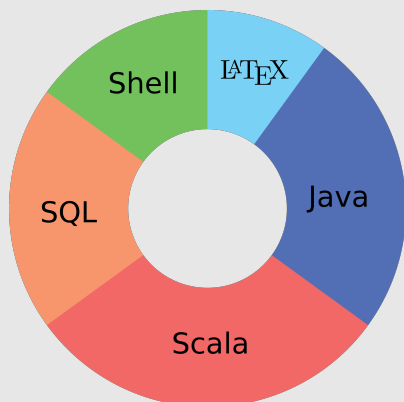
Experience

Aug 2015 - Today

DataLabs — Enedis (ex Erdf)
Developer, Craftman & Data-Scientist. Apache spark lover.

- Machine learning (spark on hadoop) for predictive maintenance (on french electricity distribution network).
- Integration of Ethereum Blockchain inside Enedis Website, with craftmanships best-practice (BDD with cucumber, TDD, continuous integration & delivery).
- Human Resources data project, studying carrers and evolution of Enedis' employees. Data Visualitation with Tableau software.
- Designing of Enedis new Big-Data architecture : Kafka, spark on hadoop, Cassandra.

Feb 2013 - Aug 2015

STM project, (Massive Treatment System) — Enedis (ex Erdf)
Technical Lead on Enedis Big-Data project.

- Implementation of Continuous Integration practices, unit and integration testing with Jenkins / Maven.
- Architecture design with respect to company standards (supervision, security and performance).
- Analytical research on Hadoop / hive and Teradata database.
- Usage of Tableau software in order to present data to end-users.
- Implementation of performance SLA et performance workflow on the project. Benchmark with Apache JMeter.

Feb 2010 - Jan 2013

SIMM Project (Mass Market Information System) — EDF
In charge of performance and Oracle expertise on EDF critical business software (CRM, billing & BI) with huge amount of data (35 million customers).

- Management of Oracle experts team. Oracle contracts (support and consulting) follow-up.
- Database evolutions design and implementation : Oracle 11g, data compression, partitioning, RAC Clustering.
- Database optimisation and SQL tuning with big data volumes (near 40 Terabytes).
- Performance healthcheck on production system and on new software versions.
- Qualification of project's roadmap with technology watch on big-data and noSQL products : Oracle Exadata, SAP Hana, Apache Hadoop, Cassandra.

Education

2007 - 2010

Engineering student — INSA de Rouen
Rouen, France
Information Systems Architecture
Specialization: Information Systems design