

Arthur Grévin

Software Engineer

6 years of experience in the aeronautics sector, startups, on projects or software related to Big Data

Toulouse, France

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SKILLS

- **Languages** : Scala, Python, Java, SQL
- **Frameworks** : Spark, Akka, Hadoop, Odoo
- **Environment** : JVM, Linux, Git, Jira, TeamCity, Ansible, Cassandra, Postgres
- **Reporting**: Grafana, Greylog
- **Méthodologie**: TDD, Agile

EXPERIENCES

Software Engineer, Le Filament - Sept/2025 - Oct/2025 - Toulouse

- Internship to discover and develop in Odoo ERP

Software Engineer, Maana/Spark Cognition (Freelance) - Août/2018 - Sept/2022 - Seattle/Toulouse

- Backend development on a Big Data and Knowledge Graph data processing engine
 - **Delivered product releases every 2–3 months**
 - **Designed and maintained deployment, backup, and restore scripts**
 - **Added new data processing operations and database connectors (Oracle, SQL Server, web APIs)**
- Served as the main technical point of contact for specifications, development, and support
- Improved system scalability and solved performance bottlenecks
- Worked autonomously within an international cross-functional team

Software Engineer, Capgemini/Airbus Aircraft - Feb/2017- Jul/2018 - Toulouse

- Participated in an R&D project to implement an enterprise Knowledge Graph for Airbus
- Developed multiple Proofs of Concept (POCs) to validate technical and business assumptions
- Contributed to technical specifications in collaboration with business stakeholders
- Supported integration and production deployment of the solution

Software Engineer, Capgemini/Airbus Defence and Space - Sept/2016 Feb/2017 - Toulouse

- Participation in an innovative cloud platform project for hosting and running object detection algorithms from satellite images
- Setting up a distributed processing environment on Google Cloud Platform (GCP)
- Development of modules for treatment management and results integration
- Contribution to the design of a scalable and automated architecture for the deployment of algorithms

Internship, Capgemini - Feb/2016 Sept/2017 - Toulouse - Big Data project industrialization

PROJECT

eltoolz - Oct/2025- Today Orchestration and Abstraction for Extract and Load pipeline

DIPLOMA

2016 Master on Computer Engineering - Institut National Des Sciences Appliquées Toulouse