



Éric Dall'Agnol

Fullstack Developer

Fullstack developer with a keen interest in pushing the boundaries of technology. As a banking IT consultant, I specialize in leveraging the power of in-memory aggregation frameworks, with a particular focus on Atoti.

Work Experience

○ Jan 2022 - Present

Commerzbank | Frankfurt (GE)



Fullstack Atoti | FRTB Consultant

- Collaborated with **cross-functional teams** to architect a robust **data model** tailored for market risk reporting built in **Python** using **Atoti** framework.
- Developed and integrated **Risk Measures** specifically for **commodity reporting**, enhancing the application's analytical capabilities, in **Java** and **Python**.
- Leading the migration of an Advanced Analytics software for the Fundamental Review of the Trading Book (**FRTB**) Standardised Approach, built using **ActivePivot** (Java), an in-memory aggregation and calculation framework.
- Conducting **testing** and **validation** of reported Risk Measures, ensuring data accuracy and compliance with regulatory standards.
- Collaborating with the Database team and Business Analysts to define and implement new interfaces.
- Implemented **ETL** processes in **Java** and **Python** to meet Commerzbank's requirements, ensuring efficient data handling.
- Performance and Memory improvements.

○ Apr 2021 - Jan 2022

MEAG | Munich (GE)



Fullstack Java / ReactTS Consultant

- Front End development on ActiveUI 5 - a reporting interface for Atoti:
 - Implemented **MDX** requests for reporting
 - Custom UI widgets for data analysis - coded in **React TS**
 - In charge of **software upgrades** and deployments across test environments
- Fullstack development for **WhatIf simulation** dashboard for dynamic portfolio simulations
- Implementation of **ActivePivot** back-end services to support reporting activities

○ Mar 2020 - Aug 2020

Alten GmbH | Munich (GE)



Project Management Optimization (*Internship*)

- Implementation of **VBA** Macros to monitor projects - used by project leaders
- Contributed to the enhancement of the open-source project management software **RedMine**
- Created **SQL** queries for data manipulation
- Implementation of **Python** scripts to import data from JIRA and SAP

Achievement

2019 - 2021 - National Confederation of Junior Enterprises (CNJE)
Treasury Auditor - supervised by Ernst & Young



Education

2018 - 2021 - École Nationale Supérieure des Mines de Saint-Étienne (FR)
Master of Science and Management with Computer Science speciality

2016 - 2018 - Aux Lazaristes & Descartes High Schools (FR)
Intensive Preparation for top French Engineering Schools

2016 - Balzac High School, Tours (FR)
Scientific baccalaureate with honours (equivalent to British A-levels)

Contact

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Annecy, France

25 years old

Driving licence

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Hard Skills

- Java, Spring, Maven
- Python
- Typescript, NextJS, ReactJS
- ActivePivot, Atoti, ActiveUI
- VBA, Excel
- SQL
- Agile methods (Kanban), Jira
- Github, Bitbucket, Teamcity
- Unix, UC4

Soft Skills

- Persistent, Optimistic
- Organized, Adaptive Communication
- Proactive, Team Spirit

Interests

- Finance, Trading, Cryptocurrencies
- Fitness/Trail Running
- Astronomy

Languages

- French - Mother Tongue
- English - Toefl rated : 930
- Spanish - B1 level
- Italian - A1 level