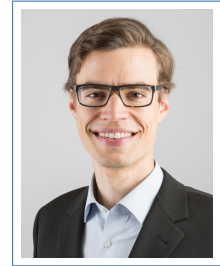


Jan Schüler

Gebattelstr. 14
81541 München
☎ +49 176 565 112 32
✉ jan.schueler@data-consulting.eu
🌐 www.data-consulting.eu
📄 [in jan-schueler](#)



Experience

Jan. 23 – Dec. 23 **Software Engineer, Freelancer**, Energy Trading.

Topics

- Refactoring, development and cloud migration of energy forecasting applications
- Development of connector libraries and API interfaces to trading databases

Business domain

- Quantitative forecasting of renewable energy production for energy trading

Technologies

- Python, Pandas, FastAPI, AWS, Snowflake, PostgreSQL

Jul. 21 – Dec. 22 **Software Engineer, Freelancer**, Investment Management.

Topics

- Web API development and cloud migration for a quantitative finance application
- Test automation, code modernization, API documentation

Business domain

- Quantitative valuation and stress testing of derivatives and fixed income products

Technologies

- Python, C++, Flask, FastAPI, Oracle, QuantLib

Oct. 18 – Jun. 21 **Business Intelligence Architect, RSU GmbH & Co. KG**, Munich.

Topics

- Implementation of a process scheduling solution for orchestrating and monitoring end-to-end market data flows from vendors to clients
- Project-driven data analysis, data visualization, data migration, process automation

Business domain

- Launch of a market data system for several asset managers

Technologies

- Python, Oracle, SQL Server, PostgreSQL, JobScheduler

Aug. 15 – Sep. 18 **Financial Engineer, IDS GmbH - Analysis and Reporting Services**, Munich.

Topics

- Implementation of valuation routines in a quantitative finance framework
- Refactoring and automation of a counterparty risk analytics solution
- Requirement engineering with portfolio managers and risk managers

Business domain

- Derivatives valuation, counterparty credit risk, collateral management

Technologies

- C++, QuantLib, Oracle, PL/SQL, Python

Mar. 13 – Jul. 15 **Data Warehouse Developer**, *IDS GmbH - Analysis and Reporting Services*, Munich.

Topics

- Implementation of a data warehouse solution for performance and risk measurement
- Integration of heterogeneous data sources, data quality and consistency automations

Business domain

- Factsheet reporting of investment funds

Technologies

- Oracle, PL/SQL, Informatica Powercenter

Skills

Programming	Python, C++, SQL, PL/SQL, JavaScript
Databases	Oracle, Microsoft SQL Server, PostgreSQL, Snowflake
Analytics	Pandas, NumPy, Dash, Plotly, Matplotlib, QuantLib, Jupyter
Web	Flask, FastAPI, OpenAPI, Vue.js, HTML, Bootstrap
Software Engineering	Test Automation, Clean Coding, Requirements Engineering, System Analysis, Design Patterns
Tools & DevOps	Git, Docker, Kubernetes, Jenkins, Grafana, Splunk, Datadog, Jira

Certifications

Jan. 17 *Oracle Certified Professional - Advanced PL/SQL Developer*

Dec. 14 *Informatica Certified Professional - PowerCenter Data Integration Developer*

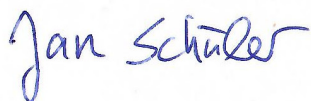
Academics

Oct. 07 – Jan. 13 **Mechanical Engineering**, *Technical University of Munich*.

- Diplom-Ingenieur, average grade: 1.6
- Thesis: Analysis of speed profiles from fleet tests using data transformation and statistical techniques

Languages

German	Native speaker
English	Excellent command



Munich, December 5, 2023