

iLia Filimonov

Data Warehouse and Business Intelligence consultant with 7 years of experience in companies earning over \$5 billion a year in revenue.

 Moscow, RU Remote Relocate

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Big Data engineer with Data Warehouse and Business Intelligence background. Formerly team lead data engineer and, later, consultant in consulting. Semi-professional footballer. Coaching an amateur football team. Satirist. Futurie.

SKILLS

Core competencies

The diagram consists of five rounded rectangular boxes arranged horizontally. From left to right, they are labeled: 'Data Warehouse', 'Data Platform', 'SAP Ecosystem', 'ETL \ ELT', and 'Business Intelligence'. The first four boxes are light blue, while the last one is pink.

Hard

Integration Data Modelling
Data Visualization
Code (Python\SQL\ABAP)

Soft

Analytical Skills	Deep Work
Critical Thinking	Creativity
Intellectual Leadership	

WORK EXPERIENCE (4)

Freelance Data Consultant at [Free Minds Group](#)

Jan 2019 - Current

Remote

Freelance and advice on data handling, data organisation and data visualisation.

- Started own project as a **fullstack engineer**: **Rhombus** - SaaS soccer manager for amateur teams.
 - Developed a **management methodology** to automate teams' organisational processes.
 - Have delved into and adapted to many areas that are new to me: trends, best practices, patterns, frameworks and others.

Lead Data Consultant at UNITERA Company

Mar 2017 - Sep 2017

 Moscow, Russia

A young, dynamic company of professionals in the development, implementation and maintenance of information systems and technologies.

- Participated in the "Regular reports of the operating block (promotions) (X5 Retail Group)" as a lead consultant role. Personal project management.

Senior Data Consultant at AT Consulting

Oct 2016 - Mar 2017

📍 Moscow, Russia

AT Consulting is one of the leading players in the IT market and consulting services for telecommunications, finance, state bodies, and other sectors in Russia and CIS countries.

- Participated in the "**Environmental reports blocks** (ROSATOM)" project as a **senior consultant** role. A team of 20+ people.
 - Background goals: **NORNICKEL**: participated in writing a design solution for system-technical architecture, **CHERKIZOVO**: developed reports queries for a Dashboards project.

Team Lead Data Engineer at ALROSA Company Ltd.

May 2010 - May 2016

 Mirny, Sakha Republic, Russia

ALROSA is the leader of the world diamond mining industry, a Russian partially state-owned diamond mining company. ALROSA Group operates across **9 countries** and **10 regions** of Russia.

- Got independent work experience and team-based work. Led a geographically dispersed team of up to **10 people**.
- Interacted with full the customer cycle, including **top managers** and business users of the entire hierarchy.
- Saw the value in both approaches of project management: **agile** and **waterfall** methodologies. Supported and maintenance of existing solutions.
- Gained experience of the company processes across **Finance** and **Materials Management**, **Sales** and **Distribution**.

PROJECTS (6)

Rhombus at [Free Minds Group](#) as Fullstack engineer

Jan 2019 - Dec 2021

[Nginx](#) [Docker](#) [Python](#) [SQL](#) [Django](#) [GraphQL](#) [Vue](#) [PostgreSQL](#) [Firebase](#) [Pandas](#) [NumPy](#) [Plotly](#)
[Airflow](#) [Hasura](#) [Heroku](#)

Rhombus is a SaaS soccer manager for amateur teams. It will help to build the organisational structure, automate the day-to-day activities of the team, including planning, finance and accounting. Will help with data analysis and visualisation: points out strengths and weaknesses.

- Following the best practice of the **12-Factor App Methodology**.
- Fast, reliable and secure content delivery with [Nginx](#).
- Depends and packaging: [Poetry](#)
- Data Ops: [git](#), [Docker](#) and [Docker compose](#).
- Backend: [Python](#), [Django](#), [SQL](#), [GraphQL API](#).
- Frontend: [Vue JS](#).
- [PostgreSQL](#) is responsible for storing data. [Firebase](#): cloud NoSQL and authorizations.
- Data analysis & Visualization: [Grafana](#), [Pandas](#), [NumPy](#), [Seaborn](#), [Plotly](#).
- Orchestration by [Airflow](#) and [N8N.io](#).
- Integrated with [VK](#), [Telegram](#).

KIISU at [ALROSA](#) as EDW architect, Team lead

Jun 2012 - Jun 2015

[Oracle Exadata](#) [PL/SQL](#) [SAP BW](#) [SAP BI](#) [BusinessObjects](#) [SAP ERP](#) [BEx Analyzer](#) [ABAP](#) [OpenSQL](#)

Building an integrated solution consisting of ERP, EDW and BI systems to optimise and unify, becoming a source of up-to-date and consolidated information.

- Implemented and managed EDW, BI at a client-side for **3500 business users** from **56 business units** what was one of the strategic objectives for entering a company on an IPO.
- Implemented 50+ report types: **canned**, **ad hoc** and **dashboard** reporting. Kinds of reports: financial (RAS, IFRS), management, analytical, operation reports. There are about 50+.
- Built the **Data Governance** culture: ensured effective and efficient use of a collection of **processes**, **roles**, **policies**, **standards**, and **metrics**.

Housekeeping at [ALROSA](#) as EDW architect, Team lead

Jul 2015 - Dec 2015

[Oracle Exadata](#) [PL/SQL](#) [SAP BW](#) [SAP BI](#) [SAP ERP](#) [BEx Analyzer](#) [ABAP](#) [OpenSQL](#)

The project aimed to optimise the enterprise data warehouse and manage uncontrolled data growth, finding bottlenecks and regulating operations.

- Was at the origin of the creation of development a **data quality strategy** which following has helped to slow growth and reduce **±5TB EDW** by about **30%** on average.

- Including identifying responsible for the data, developing **policies** and **metrics**: extracts, cleansing, loads, data lineages.
- Analysed table tops: size, growth, relationships. Queries optimised by parsing query plans. Calculations were transferred to RAM.
- System configuration has been tuned for storage needs and legacy data were **archived** and partitioned by **hot** and **cold** data.

Regular reports of the operating block (promotions) at [X5 Retail Group](#) as Lead data consultant

Mar 2017 - Sep 2017

SAP HANA BusinessObjects ABAP OpenSQL SAP BW SAP BI SAP ERP

Expansion of EDW with new regular operating reports blocks. Abandoning a legacy system.

- Implemented a full report life cycle: extended the EDW, created a data model, ETL, a block of reporting forms, set up roles and authorizations and other.
- Interacted directly with business customers. Presented project solutions. Managed the project.
- Migrated the business logic from the legacy system to the warehouse and reporting concept.

Environmental reports blocks at [ROSATOM](#) as Senior data consultant

Oct 2016 - Mar 2017

BusinessObjects Data Integrator ABAP OpenSQL SVN SAP BW SAP BI SAP ERP

Expansion of EDW with new environmental reports blocks. Integration of EDW with ERP systems.

- Expanded EDW with new environmental reports blocks with a full life cycle implementation.
- Integrated the EDW with 5 ERP systems with different business processes. Analysed business processes to identify primary data of reporting indicators. Enhanced ETL data sources.
- Analysed and assessed a possible integration of EDW with an HR system. Analysed business processes for the completeness of the source system data. Developed a project draft of specifications and documentations for report generation indicators. Developed an integration data source based program ABAP code.

Planning and Budgeting Process at [ALROSA](#) as Team lead

Jan 2013 - Dec 2015

Oracle Exadata PL/SQL SAP BW SAP BI-IP ABAP OpenSQL

Automation of budget planning and data warehousing tasks: creation of consolidated company budget, production plans, optimisation of process performance improvement.

- Participated as a **technical team leader** at a client-side to provide analysts and business users with a **continuous tool** to fill data in a **production environment**.
- Reduced **timelines** for **financial reporting**. Simplified and accelerated input of budget data into the system through improved performance and structure of input forms.
- Participated in the **design** and **development** of the **budget plan fact analysis reports**.

EDUCATION (3)

Bachelor in Business-Informatics (incomplete) at Higher School of Economics

Sep 2016 - Jun 2017

Solder in Signal Troops at Russian Armed Forces

Jun 2011 - Jun 2012

Specialist in Mathematical Analysis at North-Eastern Federal University

Sep 2005 - Jun 2010

VOLUNTEER

Coach at AFT Rhombus

Oct 2018 - Current

The coach of an amateur football team.

- Annual participants and prize winners of city championships.

AWARDS

Won a republic business game with the participation of the Head of the Republic of Sakha (Yakutia) and the government.

LANGUAGES

Russian

Native speaker

English

B2

INTERESTS

Sport

Football Bike

Technologies

AI web fullstack

Humour

Satire stand-up comedy