Aleksandr Krasnov

+7 XXX XXX XX XX | xxxxxx.xxx@gmail.com | linkedin.com/in/xxxx | github | Almaty, Kazakhstan

Results-driven Data Engineer with over 6 years of experience in building ETL pipelines and data-driven solutions. Skilled in big data technologies and proficient in Python, SQL, data visualization tools. Experienced in implementing streaming analytics tools and creating AB experiments reporting platform. Also have hands-on experience in Typescript, Bash-scripts, Java and PHP

Tech stack: SQL, Python, Airflow, Clickhouse, Vertica, Apache Flink, RabbitMQ

EXPERIENCE

Senior Data Engineer
01.2017 – Present

Profi.ru, leading services marketplace in Russia with over 12 mln customers

- Built 1 TB Data Warehouse from scratch using Vertica, aggregating data from various databases and APIs and organizing it into an 1200+ tables anchor model
- Improved overall efficiency in data analysis tasks, developing 40+ well documented data marts, enabling analysts to swiftly and conveniently process information
- Developed impactful visualizations in Tableau and Metabase. These visualizations were utilized across the entire company, from top managers for strategic decision-making to support teams for driving operational efficiency. Helping company grow with tens of percent increases year-over-year
- Provided real-time insights, constructed a Streaming Analytics system using Apache Flink and a 10 TB ClickHouse database, currently processing about 5,000 events per second
- Led the development of an A/B experiments platform, achieving a high-performance splitter service with 10,000 transactions per minute and a 7 ms latency
- Reduced the time needed to obtain A/B test results from 2 days to just 5 minutes by automating metric calculations. Developed a reporting platform which processed 10 experiments and 600 metrics daily
- Contributed in achieving a 30% increase in revenue of certain branches by providing a keyword research tool for search engine marketers. This tool offered valuable insights into their performance, presented opportunities to run experiments, and enabled detailed tracking of competitors' performance
- Developed a DBT like data transformation tool using Python and scheduled by Airflow. Enhanced the system by adding new features, optimizing performance, refactoring code, and writing data quality tests to meet established data readiness Service Level Objectives
- Discovered and advocated for the integration of the Great Expectations framework, successfully persuading management to adopt the solution. 70+ data quality tests where implemented, ensuring data accuracy across the organization

Junior Product Manager
02.2015 – 04.2016

Alfa-lab, online banking department of Alfa-bank – 4th largest bank in Russia in terms of assets

- Reinvented the way mobile banking app clients use regular payments and provided outstanding user experience, using customer development methodology and data from Google Big Query

Intern Product Analyst
07.2014 – 09.2014

Ostrovok.ru, online hotel booking service with $50 mln raised venture capital

- Prepared travel market research materials, conducted in-depth analysis to determine the most impactful hotel page content for optimizing conversion rates

EDUCATION

Higher School of Economics

Master's degree in Management of research, development and innovations   *2016 – 2018*

- HSE Olympiad for Students and Graduates in Innovation Management, winner

Financial University under the Government of the Russian Federation

Bachelor's degree in International Economic Relations   *2012 – 2016*

- Changellenge Cup Russia 2014 case championship absolute 2nd place among 5,000 students

ADDITIONAL

Pet Projects: Goods marketplaces analytics tool easysellers.ru with 7,500 monthly active users
Open source streaming analytics tool for zero budget marketing brand-monitoring-bi

Languages: English, German, Russian

Hobbies: 42,2 km marathon finisher, beginner in boxing