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Anton

Software Engineer

SUMMARY

Software Engineer with a Computer Science and Software Engineering background and 5 years of experience specializing in data analysis, visualization, and backend systems across retail, mobile, and finance domains. Proven expertise in languages such as Python, SQL, and R, supported by strong knowledge of cloud services like AWS and GCP. Skilled in BI tools and data visualization with Tableau, Looker Studio, and programming libraries Matplotlib, Seaborn, and Folium. Experienced in database management with MySQL, PostgreSQL, and NoSQL databases like Redis and MongoDB. Proficient in Data Engineering practices using Apache Spark and ETL/ELT processes with Apache Airflow. Demonstrates advanced capabilities in Machine Learning and Data Science with extensive use of Pandas, NumPy, and Scikit-learn. Committed to DevOps with experience in Docker, Bash Scripting, and version control systems like Git.

SKILLS

Main Technical Skills	Python, SQL, Google Charts, Tableau
AI & Machine Learning	NumPy (6 yr.), Scikit-learn (3 yr.)
Programming Languages	R (6 yr.)
R Frameworks and Libraries	dplyr (6 yr.)
Python Frameworks and Libraries	Matplotlib (6 yr.), NumPy (6 yr.), Pandas (6 yr.), Plotly (6 yr.), Scikit-learn (3 yr.), SciPy (3 yr.), Seaborn (1 yr.)
Data Analysis and Visualization Technologies	Google Spreadsheets (2 yr.)
Databases & Management Systems / ORM	MongoDB (3 yr.), MySQL (4 yr.), PostgreSQL (1 yr.), Redis (1 yr.)
Amazon Web Services	AWS Glue Studio (2 yr.)
Google Cloud Platform	GCP Storage (2 yr.)
Version Control	BitBucket (3 yr.), Github Actions (2 yr.)
Third Party Tools / IDEs / SDK / Services	Excel (3 yr.)

Other Technical Skills	ggplot2 (5 yr.), Looker Studio (2 yr.)
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WORK EXPERIENCE

Software Engineer / Data Analyst, DWH for retail company

Duration: 05.2021 - Present

Summary: Anton worked on establishing data marts for analytics and machine learning, generating reports for various teams, and migrating analytics scripts from R to Python for improved performance and compatibility.

Responsibilities: Analyze financial and economic data using R, perform market trend analysis and forecasting, sentiment analysis on customer reviews, data cleansing and preprocessing, develop data analysis workflows, create visual reports and dashboards in Tableau, conduct exploratory analysis, comparison of product performance, and implement data filtering and anomaly detection mechanisms.

Technologies: Python, SQL, R, AWS (Redshift, S3, RDS, EC2, Lambda, CloudWatch, IAM, SNS, SQS, etc.), Tableau, MS Excel, MySQL, MongoDB, Apache Spark (PySpark, Core, SQL), Apache Airflow, Pandas, NumPy, SciPy, Scikit-learn, Matplotlib, Docker (Docker Compose), Bash scripting, Bitbucket

Software Engineer / Data Analyst, Mobile streaming platform

Duration: 12.2019 - 04.2021

Summary: Anton was involved in establishing a cloud-based Data Warehouse and designing dashboards for the project management team, focusing on financial metrics, product features, and A/B test results analysis.

Responsibilities: Analyzed datasets with R, visualized data charts, refactored outdated code, performed SQL analysis, YouTube Ads analytics, Google Tag Manager customization, A/B testing, churn analysis, data profiling and cleansing, and maintained documentation for analytics processes.

Technologies: Python, SQL, R, GCP (Cloud SQL, Looker, Looker Studio, BigQuery, Cloud Storage, Functions, Fusion, etc.), Google Sheets, MySQL, Pandas, NumPy, Matplotlib, Docker (Docker Compose), Bash scripting, Github

Software Engineer / Data Analyst, Financial project

Duration: 10.2018 - 11.2019

Summary: Anton took part in creating an advanced ETL system for financial data management within BI, developing centralized Data Marts, and delivering reports and dashboards.

Responsibilities: Established data import/export processes, data transformation and cleansing, bug fixes, conducted spontaneous data analysis, visualized data with Seaborn and Folium, automatic report generation, managed performance and usability of analytics tools like Looker, and wrote optimized SQL queries.

Technologies: Python, SQL, R, PostgreSQL, GCP (Cloud Load Balancing, Looker, Looker Studio, Cloud Storage, Cloud SQL, Compute Engine, etc.), Google Sheets, Redis, Pandas, NumPy, Matplotlib, Seaborn, Folium, Docker (Docker Compose), Bash scripting, GitHub



EDUCATION

- **Computer Science and Software Engineering**

