MIKHAIL BOLSHAKOV

FULL STACK DATA & ANALYTICS ENGINEER

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PROFILE

Results-driven Analytics and Data Engineer with 6 years of experience designing, building, and optimizing end-to-end data pipelines for business intelligence, data warehousing, and analytics applications. Proficient in ETL tools (Airflow, Dagster, dbt), cloud ecosystems (AWS, GCP), containerization, CI/CD, and data governance. Skilled in administering, monitoring, and optimizing data pipelines, databases and data warehouses. Led multiple projects delivering scalable data infrastructure, self-service analytics platforms, and BI dashboards, ensuring robust performance and reliability.

EXPERTISE

- ELT/ETL;
- Streaming / Batch processing;
- Data Warehousing;
- Data/Analytics Engineering;
- Data Modeling;
- CICD;
- Data Visualization;
- Data Governance.

TECH STACK

- SQL: Snowflake, BigQuery, Redshift, PostgreSQL, MySQL;
- Data Visualization Tools: Looker, Power BI (DAX), Tableau;
- ETL/ELT: Airflow, Dagster, dbt, Fivetran | Improvado;
- Python: data import | wrangling | analysis (pandas, numpy), task automation, database migration;
- Docker | Kubernetes;
- Bash;
- Jenkins;
- ArgoCD
- Plural;
- Webhooks, RESTful APIs;
- Zapier;
- AWS (RDS, S3, SM) | GCP (BQ, APIs, AppEngine);
- Salesforce, Pipedrive, Autopilot, Zendesk, Twilio, Braze;
- VCS (Git);
- GSuite, Office 365.

EXPERIENCE

SENIOR DATA / ANALYTICS ENGINEER – *Nov 2023 - now*
<u>Wolt Development GmbH / Berlin</u>

- Merchant integrations data and analytics ecosystem architect;
- Responsible for multiple cross domain projects;
- member of AI in Analytics Guild:
- member of Analytics Taskforce;
- proposed and implemented a set of best practices e.g.: data warehousing layers, denormalized reporting layer, bitmaps, grouping sets, developed Analytical Agentic Framework with MCP servers + RAG and etc - across the entire Analytics Org (~50 people).

FREELANCER – *May 2023 - Nov 2023*

- data platform and framework migration;
- BI infrastructure setup;
- new tech stack implementation;
- client consultation and advising.

SENIOR DATA / ANALYTICS ENGINEER – *Sep 2022 - May 2023 (9 months)*
<u>Coachub GmbH / Berlin</u> (laid off due to operational reasons - downsizing)

- supported/led data / analytics engineering | Infrastructure related projects;
- owner of scalability projects:
    - codebase optimization and refactoring;
    - testing + alerting + monitoring framework implementation;
    - new tech stack implementation;
    - data warehouse administration;
- finance Tribe data modeling support;
- looker training, administration, performance monitoring and improvement.
- airflow migration to Kubernetes.
- sole owner of dbt implementation and deployment project.

SENIOR DATA ENGINEER – *Jan 2021 - Aug 2022 (1 year 8 months)*
DrSmile - Urban Technology GmbH / Berlin

- Led all Engineering | Analytics Engineering | Infrastructure related projects.
- Data modeling and reporting for CRM, Marketing, C-level, Sales, Product teams: built end-to-end and visualized Revenue, Shop Capacity, Influencer Attribution, Customer Service Performance, etc data models.
- Mentored and trained junior team members.
- Conducted multiple BI | Looker modeling workshops and trainings for business users and team members.
- ETL/ELT monitoring, testing and alerting, data warehouse administration, migration from plain SQL to dbt, Airflow migration from EC2 to K8S;
- Added and developed new data sources and pipelines: Pipedrive, Zendesk, Tiktok, Facebook, Twilio, DHL, Braze, etc;
- Interviewed and hired data analyst, intern as well as BI Team Lead.

BUSINESS INTELLIGENCE DEVELOPER – *Oct 2020 - Jan 2021 (4 months)*
Liefery GmbH / Berlin

- Laid off due to the employer filing for bankruptcy.

BUSINESS INTELLIGENCE MANAGER – *Sep 2018 - Oct 2020 (2 years 1 month)*
bookingkit GmbH / Berlin

- Developed and visualized several data models "end-to-end": Sales Commission, Lead Attribution, Monthly Country Review, and etc;
- Added new data pipelines, including python-orchestrated database migration.
- Supported data requests from Marketing, Management, Product, Sales, Customer Service, BizDev.
- Maintained and developed data infrastructure: refactored and migrated legacy scripts, automated several operational processes,
- Power BI data models migration.

WISSENSCHAFTLICHE HILFSKRAFT – *Jun 2018 - Aug 2018 (3 months)*
Chair of Energy Economics Brandenburgische Technische Universität Cottbus-Senftenberg / Cottbus

- Data research, data wrangling and clean up. Supported validation and cross-check of gas and energy models results.

EDUCATION

MASTER OF ENVIRONMENTAL AND RESOURCE MANAGEMENT – *2015 - 2019*
Brandenburgische Technische Universität Cottbus-Senftenberg / Cottbus.

Master Thesis - Modeling a multi-price capacity market mechanism promoting flexibility in a power market with high shares of renewable energy. Equilibrium modeling solved as mixed complementarity problem.

DIPLOMA WITH HONORS IN HOSPITALITY ADMINISTRATION AND MANAGEMENT – *2003 - 2008*
Saint Petersburg State University of Engineering and Economics / Saint Petersburg.

REFERENCES

Fenny Sanyoto,
Head of Data at DrSmile. Former Supervisor, Head of Data at DrSmile.

Gabriel Y. W. Zhang,
Analytics Manager | Global Supply Chain Visibility | Wayfair. Former Supervisor, Senior Data Analyst at DrSmile

Haley Mar,
Senior BI Manager at IDnow. Former Supervisor, BI Team Lead at bookingkit GmbH

Vinzenz Theodor Tüllmann,
Head of Business Intelligence bei Heartbeat Labs GmbH. Former Supervisor, BI Team Lead at bookingkit GmbH

Iegor Riepin,
Researcher | Digital Transformation in Energy Systems at TU Berlin Master Thesis Supervisor at BTU Cottbus-Senftenberg.