

# MIKHAIL BOLSHAKOV

## FULL-STACK DATA & ANALYTICS ENGINEER

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### PROFILE

I am a dependable and passionate analytics engineer with 5 years of hands-on experience in different stages of data analysis and data warehousing.

I have worked with different data types and teams designing and developing KPIs and North Star Metrics, namely, Marketing, Finance, CRM, CS, Sales, Product: Marketing Attribution, Booking Capacity Optimization, Conversion and Revenue Prediction, etc.

I take pride in what I do and how I do that, find satisfaction in doing my job in the best possible way - creating robust and scalable product | solutions and delivering high business value.

My mission:

- to support business leaders in identifying the right KPIs to drive business performance through a self-service based robust and scalable data ecosystem;
- to establish a self-service BI / analytics culture within domains and the respective product teams through coaching, data and tool expertise.

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### EXPERTISE

- Data Warehousing;
- ELT/ETL;
- Data/Analytics Engineering;
- Data Analysis;

- Data Visualization;
  - Multidimensional Modeling;
  - CI/CD.
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## TECH STACK

- SQL: Snowflake, BigQuery, Redshift, PostgreSQL, MySQL;
  - Data Visualization Tools: Looker, Power BI (DAX), Tableau;
  - ETL/ELT: Airflow, 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.
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## EXPERIENCE

### **SENIOR ANALYTICS ENGINEER** – *Sep 2022 - Present*

Coachub GmbH / Berlin

- supported/led analytics engineering | Infrastructure related projects.
- Looker training, administration, performance monitoring and improvement.
- Airflow deployment on Kubernetes.
- dbt migration.

### **SENIOR ANALYTICS ENGINEER** – *Jan 2022 - Aug 2022 (8 months)*

DrSmile - Urban Technology GmbH / Berlin

- Led all Engineering | Analytics Engineering | Infrastructure related projects.
- Mentored and trained junior team members.
- Conducted multiple BI | Looker modeling workshops and trainings for business users and team members.

**DATA ANALYST** – *Jan 2021 - Dec 2021 (1 year)*

DrSmile - Urban Technology GmbH / Berlin

- Handled all engineering and tech projects: ETL 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;
- Built end-to-end and visualized Revenue, Shop Capacity, Influencer Attribution, Customer Service Performance models.
- Improved, debugged, refactored several ETL processes.
- Alongside fellow team member 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** – *Feb 2020 - Oct 2020 (8 months)*

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.

**JUNIOR BUSINESS INTELLIGENCE MANAGER** – *Feb 2020 - Oct 2020 (8 months)*

bookingkit GmbH / Berlin

- Maintained and developed data infrastructure: refactored and migrated legacy scripts, automated several operational processes,
- handled Power BI data models migration from live connection to data import from postgres data warehouse.

**WISSENSCHAFTLICHE HILFSKRAFT** – *Jun 2018 - Aug 2018 (3 months)*

Chair of Energy Economics Brandenburgische Technische Universität Cottbus-Senftenberg / Cottbus.

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

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**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.

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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

**Igor Riepin,**

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