Sonya Helal

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SUMMARY

Multilingual Data & BI Specialist, currently a PhD Candidate in Informatics, with 4+ years' experience in SQL, dashboard development, and data pipelines. Fluent in English, French, Arabic, and Russian. Seeking a Data Analyst role to help teams make data-driven decisions, solve problems, and grow in a collaborative environment.

SKILLS

Data Platforms & BI Tools: Power BI, Tableau, Apache Superset / Preset, SSRS
Data Transformation & Orchestration: dbt, Jinja, ETL pipelines, data modeling (Star / Snowflake)
Programming & Databases: Python (Pandas), SQL (advanced), ClickHouse, MySQL
Tools & Automation: Microsoft Excel (advanced), Git (version control), basic Airflow
Web Technologies: HTML5, CSS3, JavaScript, React

PROFESSIONAL EXPERIENCE

Business Intelligence Analyst   **Penza, Russia**
Company "Komandor IT-LEVEL" – Remote   *April 2023 – Present*

- Created high-impact dashboards in Apache Superset and Power BI to drive business insights and support client-facing presentations.
- Wrote efficient SQL queries for data extraction and analysis across large datasets (including ClickHouse).
- Used Python to streamline data preparation, clean raw datasets, and deliver ad hoc analysis on demand.
- Acted as the bridge between technical teams and business stakeholders, delivering clear, data-backed recommendations.
- Quickly adapted to evolving tools and workflows, maintaining delivery speed and quality.
- Recognized for proactive problem-solving and consistently delivering high-quality results in fast-paced environments.

SQL Developer   **Penza, Russia**
Company "Settlement and Billing Solutions"   *Oct 2021 – April 2023*

- Designed and maintained robust SQL databases to support critical business operations.
- Replaced manual Excel-based reports with automated dashboards using SSRS, reducing reporting time by 60%.
- Designed high-performance SQL architectures with stored procedures, triggers, and views for business-critical systems.
- Migrated databases to newer servers and implemented backup strategies to ensure zero data loss.
- Delivered 100% documented, well-commented code; recognized for clarity and maintainability.
- Supported cross-functional teams with insights into data structures and query optimization.

Data Analyst   **Algiers, Algeria**
Company "Djezzy"   *Jan 2019 – Jan 2020*

- Designed and developed interactive dashboards in Tableau and Power BI to visualize KPIs and business performance.
- Wrote complex SQL queries to extract, clean, and analyze data from internal systems.
- Used Python (Pandas) to automate parts of the data preparation and support one-off analysis.
- Translated business requirements into data models and reporting solutions for non-technical stakeholders.
- Maintained data accuracy, implemented clean coding practices, and optimized dashboard performance.

Web Developer   **Algiers, Algeria**
Company "Ooredoo"   *Jan 2018 – Dec 2018*

- Built custom web applications using PHP and MySQL, focusing on business logic and data processing.
- Developed full-stack solutions (HTML, CSS, JS) and integrated SQL queries to power backend features.
- Delivered tailored websites for local clients, ensuring mobile responsiveness.
- Implemented secure login systems, data storage, and dynamic content features.
- Applied clean coding practices and collaborated directly with clients to define their needs.

EDUCATION

Ph.D. in Informatics and Information Processes   **Penza, Russia**
Penza State Technological University   *Oct 2022 – Present*

Master of Science in Information Systems and Technologies   **Penza, Russia**
Penza State Technological University | Graduated with High Honors   *June 2022*

Master of Science in Computer and Information Systems Security   **Blida, Algeria**
University of Blida 1 | Graduated with High Honors   *June 2019*

Bachelor of Science in Information System and Software Engineering   **Blida, Algeria**
University of Blida 1 | Graduated with High Honors   *June 2017*