Sonya Helal

Moscow, Russia

+7 904 852 18 31 | sonya.nina.helal@gmail.com | LinkedIn | Portfolio

EDUCATION

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

Master of Science in Information systems and technologies   **June 2022**
Penza State Technological University | Graduated with High Honours

Master of Science in Information Systems Security   **June 2019**
University of Blida 1 | Graduated with High Honours

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

WORK EXPERIENCE

Business Intelligence Analyst   **Krasnoyarsk, Russia**
"Komandor"   April 2023 – Present

- Built and maintained 30+ dashboards using Power BI and Apache Superset.
- Worked with cross-functional teams to define KPIs and improve reporting standards.
- Reduced weekly reporting time by 40% through automation and SQL optimization.
- Designed datasets in ClickHouse and used Jinja for dynamic filtering and conditional logic
- Created custom Superset charts with HTML/CSS to enhance clarity and decision-making impact.
- Led the end-to-end development of client dashboards, from data modeling to final delivery.

SQL Database Administrator   **Penza, Russia**
"Settlement and Billing Solutions"   Oct 2021 – Oct 2022

- Improved query performance and reduced report time by 25%
- Cleaned and structured raw data into ready-to-use analysis tables
- Monitored SQL pipelines and ensured 24/7 database uptime
- Supported BI analysts by delivering reliable and consistent data outputs

Junior Java Developer   **Algiers, Algeria**
"C.E.R.I.S.T"   Sep 2019 – June 2020

- Developed backend services using Java and Spring Boot
- Participated in agile sprints, stand-ups, and QA testing
- Used SQL for database access and GitLab for version control
- Gained hands-on experience in professional software development

SKILLS & INTERESTS

Languages: Fluent in French, English, Arabic, and Russian, with professional proficiency in both written and verbal communication across multicultural environments.

Technical Skills:

- SQL (advanced querying, optimization, and data modeling with ClickHouse and relational databases)
- Python (Pandas, NumPy) for data engineering, ETL, and automation
- BI tools including Superset, Power BI, and Tableau for dashboard design and KPI reporting
- Git and Docker for version control and deployment.

Interests: Focused on advanced data engineering and visualization techniques to strengthen strategic, data-driven decision-making and business impact.