Бабич Микола

DATA ENGINEER, BUSINESS INTELLIGENCE DEVELOPER

11 квітня 2024 Місто: Одеса

Вік: 40 років
Режим роботи: повний робочий день, віддалена робота
Категорії: IT, WEB фахівці

✔ Перебуваю в шлюбі ✔ Є діти

Увійдіть або зареєструйтеся на сайті як роботодавець, щоб бачити контактну інформацію.

Опис

Employment History

Data Engineer / Business Intelligence Developer

Digitally Inspired Ltd (Intellias) (Aug, 2018 - Jan, 2024 | 5 years 2 months)

Project description

The client was an American company specializing in the business aviation sector. The client hired a skilled engineering team to implement software that enabled full control over the company's operations. The software included features for monitoring flights, managing clients and contracts, and streamlining operational processes. The project scope involved the creation of frontend and backend parts of software, as well as a database, the creation data warehouse, and fine-tuning all the processes for its full operation.

Responsibilities & Achievements

- Built a comprehensive ETL cycle for data transfer
- Developed all data and business intelligence (BI) processes
- Visualized and presented findings to key stakeholders
- Built and customized BI reports
- Built and customized Ad-hoc reports
- Developed and maintained dashboards
- Data analysis to find dependencies and improve the quality of visualized data
- Created and maintained documentation regarding data models, measures, and infrastructure as they are developed

The technology stack used

SQL, Oracle Analytics Server (OAS), Tableau, MS Excel, Oracle, Snowflake, PostgreSQL

Data Engineer / Data Analyst

VeraData Decision Labs (Jun, 2015 - Jun, 2018 | 2 years 11 months)

Project description

Our team worked on a project for charitable foundations based in the US, with a focus on data management and predictive analytics. Our responsibilities included building and implementing processes for ETL and data warehousing, as well as collecting data from various sources. Development of dashboards and reports based on modeling results.

Responsibilities & Achievements

- Enhanced the predictive model through the implementation of the SVM model and improved its accuracy and

performance
- Implemented all data-related processes
- Built predictive models for clients
- Processed data from multiple sources
- Created reports and dashboards for clients

The technology stack used

Alteryx, Tableau, MS Excel, SQL, Python (numpy, pandas, scikit-learn, matplotlib), Machine Learning Algorithms

Design engineer (industrial automation systems)

IGC ltd (Apr, 2011 - Jul, 2013 | 2 years 2 months)

Project description

Aiming to satisfy the ever-increasing needs of their customers, the client needed to design automation systems.

Responsibilities & Achievements

- Programmed industrial logical controllers Siemens Simatic STEP7 for process automation
- Developed SCADA (Supervisory Control and Data Acquisition) systems
- Wrote project documentation
- Performed debugging and testing
- Provided technical support

Design Engineer (electronic devices)

CARE (Mar, 2008 - Jul, 2011 | 3 years 3 months)

Project description

In this project, I was responsible for developing electronic devices for various information systems and technologies, with a primary focus on automatic control systems.

Responsibilities & Achievements

- Designed and assembled electronic devices
- Programmed the devices
- Performed tuning and debugging of the devices

Ph.D, Assistant professor

Odessa National Polytechnic University (Sep, 2009 - today)

Disciplines: Computer visualization. Data Engineering. Visualization and modeling of multidimensional. data.
18.04.2014 – defended thesis and received the degree of **PhD**. Thesis: Models and tools for design automation of comfortable microclimate systems in inhabited premises.