

## Company Description

No matter which country you're in, the transition from an economy based on fossil fuels to one based on sustainable energy sources is well underway. It takes slightly different approaches, and it progresses from different starting points depending on the area, but it's clear, we're all engaged in a global shared "electrification" challenge. At BASQUEVOLT our mission is to develop sustainably the best battery materials and cells that will make possible the mass deployment of electric transportation, stationary energy storage and advanced portable devices. Our proprietary solid-state battery technology will allow us to develop and commercialise safe, high performance and affordable products for a diverse portfolio of customers, from mobility, stationary energy storage and consumer electronics.

## Information

 Deadline: 2023-12-31  
 Category: Business  
 Province: Araba / Álava

 Country: Basque Country  
 City: Vitoria-Gasteiz

## Company

**BASQUEVOLT**



## Main functions, requisites & benefits

### Main functions

To develop database solutions to store and retrieve company information. To install, configure and maintain information systems to ensure functionality. To analyse structural requirements for new software and applications To design data acquisition pipelines to gather data from diverse sources. To build conceptual and logical data models and flowcharts. To improve system performance by conducting tests, troubleshooting, and integrating new elements. To optimize current and future database systems. To define security and backup procedures to ensure reliable, robust, and highly available systems. To coordinate with the Data Science department to identify future needs and requirements. To coordinate with the Data Science department to define the Data Governance policy and company standards in data related topics. To provide operational support for Management Information Systems (MIS).

### Requisites

BSc in Computer Science or relevant field. Proven work experience as a Data Architect, Data Engineer, System Manager, or similar role. In-depth understanding of database structure principles. Experience gathering and analysing system requirements. Knowledge of data mining and segmentation techniques. Proficiency in SQL and Oracle or equivalent platforms. Expertise in data ETL (Extract, transform and load) pipelines. Expertise with data visualization tools (e.g., Power BI, D3js and Python). Familiarity in MS Excel. Proven analytical skills and problem-solving attitude. Experience with high compression time-series specific data bases (e.g. Influxdb, system platform...). Experience with industrial communication protocols such as OPC-UA, MODBUS; MQTT.... Experience with virtual machines and container deployment. Experience with cloud solutions (e.g. AWS, Azure, Google cloud...) Proficient in programming in Python, C++ or Rust.

### Benefits

International Basquevolt Team, with already 17 nationalities, with a super nice working environment! Encourage training for achieving your goals in Basquevolt. Paid Spanish & English lessons. Flexible timetable in order to make easier the working life balance: Regular working day: Monday to Thursday from 08:00 a 16:30 horas (2 hours flexibility, until 10.00h). Friday from 08:00 a 14:30 horas (2 hours flexibility). Summer working day (from W29 to W35): Monday to Thursday from 07:30 a 14:30 horas (2 hours flexibility, until 9.30h). Friday from 07:30 a 14:00 horas (2 hours flexibility). Multiple remote work options. Flex benefits such as: Private medical insurance. Restaurant tickets. Kindergarten tickets. Additional training related to your job position. ...and we keep working on additional benefits (negotiation with hotels, rental cars...).