

We're hiring at our Headquarter in Böblingen:

# Senior/Lead Software Engineer - Data Platform (m/f/d)

## Your New Career

Are you looking to work in an exciting environment with high tech sensing solutions? Would you like to join a young and dynamic team, gain international business experience and take your next career step?

## Your Responsibility

- You will take a technical lead role in the development of our hybrid (Cloud and Edge) IoT data platform directly impacting the efficiency and scalability of the solution.
- You will work on building a robust and scalable metastore to effectively manage metadata.
- You will work on a highly efficient storage layer to handle large amounts of sensor data (petabytes). The focus is on ensuring data integrity, speed, and scalability.
- In close collaboration with relevant teams and stakeholders, including Data Science, Operations and Business, you will perform the necessary requirements engineering.
- In close collaboration with other Data Engineers, ML Engineers, and Software Engineers, you will translate our business challenges into scalable data architectures.
- As an expert in our Data Engineering team, you will maintain your knowledge of current technologies, future trends and innovative methods through continuous training, cross-industry networking, and conference attendance.

## Your Profile

- You have a technical degree (i.e. computer science)
- You have at least 5 years of professional experience in software or data engineering with a focus on distributed data-intensive applications .
- You have good knowledge of state-of-the-art storage technologies and their productive use (no SQL, time series databases, document stores, graph databases, etc.).
- You have excellent programming skills in development with Python and a static programming language (e.g., Rust or C++) and know how to develop high-quality code.

- Experience with containerization (Docker and Kubernetes)
- You have excellent analytical skills and a very quick grasp.
- Ideally, you have experience in implementing distributed data platforms for Big Data and IoT applications, ensuring data safety, data integrity , and optimizing performance for large-scale data systems.
- Good knowledge of AI workloads and MLOps
- Ideally, you are familiar with stream processing technologies (Apache Flink, Spark, Storm, or Kafka).

## Our Company

AP Sensing is a fast growing, global provider of fiber optic-based sensor technology. Our solutions can be found in offshore wind parks, Singapore's metro systems, the Eurotunnel and in many other important infrastructures around the world. We combine a 35-year Hewlett-Packard (HP) heritage with the spirit and enthusiasm of a start up. Become an empowered employee and join our team of passionate, innovative people.

## Our Offer

Learn more about our numerous benefits at:

<https://www.apsensing.com/career>



**Are you ready to play a BIG role in a small team instead of a SMALL role in a big team?**

**Then you are spot-on with us...**

[hr@apsensing.com](mailto:hr@apsensing.com)

Contact: Ingrid Licht

Reference: 188G

**AP Sensing GmbH**

Herrenberger Str. 130

71034 Böblingen

Tel +49 7031 309 6619

[www.apsensing.com](http://www.apsensing.com)