

# Driving decarbonization and digitalization. Together.



## Principal Data Scientist for Global AI Implementation (f/m/d)

### Job description

As a Principal Data Scientist for Global AI Implementation (f/m/d) you will play a crucial role in our global AI roll-out program for backend production sites. Reporting directly to the program management, you will take over responsibility to drive strategic projects to enable further global roll-out of AI at Infineon. You will collaborate with cross-functional teams to develop and implement innovative data-driven solutions for complex business situations. Enjoy Infineon's flexible work options, balancing life and career while driving Decarbonization and Digitalization. The position can be filled on a full-time or part-time basis. Join us in shaping the future and unleashing your full potential.

In your new role you will:

- **Drive strategic projects** to enable further **global roll-out of AI** at Infineon Backend
- **Engage with stakeholders** to understand business needs and translate them into actionable **strategies for the AI roll-out program**
- **Collaborate with cross-functional teams to develop and implement innovative data-driven solutions for complex business situations** in the context of the global AI roll-out program
- **Stay up-to-date with emerging trends and technologies** in data science and engineering, with a **focus on their application in the global AI roll-out program**

### Profile

We are looking for an individual with a proven ability to engage people and foster collaboration across diverse teams, coupled with strategic thinking and problem-solving skills. You set the direction in your field of competency and explain issues in a clear and convincing manner using your remarkable communication and presentation skills. You contribute your skills and abilities and make sure that the right conclusions are drawn.

You are best equipped for this task if you have:

- A **university degree in Computer Science, Data Science, Engineering, Mathematics** or a related field
- Minimum **5 years of industry experience in data science or data engineering** (ideally in the semiconductor industry), with reliable, documented results of delivering impactful projects
- Experience in **developing methods or structures to integrate AI into an organization**, particularly in a production environment

### At a glance

Location: **Regensburg (Germany)**  
Job ID: **HRC0729743**  
Start date: **Jul 01, 2024**  
Entry level: **5+ years**  
Type: **Full time / Part time**  
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0729743**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



### Contact

**Markus Reuter**  
Recruiter



- Competency in the field of **data governance, data infrastructure and/or use case scaling**, particularly in a production environment
- Familiarity with **DevOps principles and practices**
- Experience with **big data technologies** (e.g., Hadoop, Spark) and **cloud platforms are of benefit**
- The ability to communicate in **English with business fluency, German language skills are a plus**

## Benefits

- **Regensburg:** Coaching, mentoring networking possibilities; Wide range of training offers incl. training credits and educational leave; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Home office options; Part-time work possible (also during parental leave); Sabbatical; Reserved spots in a close day-care center; Holiday child care during the summer holidays; On-site social counselling and works doctor; Health promotion programs; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport; Possibility to work remotely from abroad (EU)

## Why Us

### **Driving decarbonization and digitalization. Together.**

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

The **backend segments** enable the in-time ramp-up of new products and the efficient production of existing portfolio products. Backend is responsible for the value add from wafer singulation to final testing and shipping of goods to the customers. This includes all needed tasks such as pre-assembly, assembly, singulation, testing and the related functions of process-engineering, planning, quality-management, operations, material management, innovation on efficiency and productivity.

### **We are on a journey to create the best Infineon for everyone.**

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

