

IT Architect Data & Analytics Lab (m/f/diverse) - REF82971R

Your tasks

Are you passionate about creating scalable, secure, and future-ready lab environments for AI and ML experimentation? Do you thrive at the intersection of cutting-edge cloud technologies and enterprise-scale innovation?

Join us as an **IT Architect – Lab Environment** and play a pivotal role in designing and operating a modern data experimentation platform on **Azure Databricks**. You will directly enable our global teams to accelerate AI and ML innovation while ensuring governance, cost efficiency, and platform reliability.

What You'll Do:

- Design and evolve the enterprise-wide ML/AI lab environment on **Azure Databricks** to enable scalable, secure, and governed experimentation.
- Architect the core infrastructure that supports **end-to-end ML/AI workflows**, from ideation to industrialization.
- Define **environment lifecycle stages**, including provisioning, versioning, and decommissioning.
- Enable **self-service orchestration** and standardized experimentation workflows for data scientists and ML engineers.
- Ensure alignment with **security, governance, and DevOps** standards in collaboration with platform and architecture teams.
- Implement **best practices** for modular, reusable, and cost-efficient platform design.
- Serve as a key enabler in the company's **AI innovation pipeline**, driving technical excellence and operational reliability.

Your profile

- Academic degree in Computer Science, Data Engineering, or related fields. Preferred: Azure Solutions Architect Certification, Databricks Certified Data Engineer or Architect
- Several years in data platform architecture, with some years focused on Databricks or similar ML/AI platforms
- Deep understanding of Databricks architecture, Spark, Unity Catalog, Delta Lake, Azure DevOps, Terraform, CI/CD pipelines
- Proven experience designing scalable, secure environments for ML/AI experimentation and delivery
- Familiarity with frameworks like TOGAF or similar and a structured approach to solution design
- Experience leading cross-functional technical initiatives and collaborating with diverse teams
- Experience working in international teams across multiple time zones and cultures
- Business fluent in English (written & spoken)



Job ID
REF82971R

Field of work
Information Technology

Location
Hannover

Leadership level
Leading Self

Job flexibility
Hybrid Job

Contact
Kathrin Wichard

Legal Entity
ContiTech Deutschland GmbH

- Strong cross-functional alignment skills with experience working in global, multicultural teams
- Takes ownership and accountability, demonstrating a proactive and solution-oriented mindset

Applications from severely handicapped people are welcome.

Our offer

The well-being of our employees is important to us. That's why we offer exciting career prospects and support you in achieving a good work-life balance with additional benefits such as:

- Training opportunities
- Mobile and flexible working models
- Sabbaticals
- and much more...

Sounds interesting for you? [Click here to find out more.](#)

[Diversity, Inclusion & Belonging](#) are important to us and make our company strong and successful. We offer equal opportunities to everyone - regardless of age, gender, nationality, cultural background, disability, religion, ideology or sexual orientation.

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent, and affordable solutions for vehicles, machines, traffic and transportation. In 2023, Continental generated sales of €41.4 billion and currently employs around 200,000 people in 56 countries and markets.

Guided by the vision of being the customer's first choice for material-driven solutions, the ContiTech group sector focuses on development competence and material expertise for products and systems made of rubber, plastics, metal, and fabrics. These can also be equipped with electronic components in order to optimize them functionally for individual services. ContiTech's industrial growth areas are primarily in the areas of energy, agriculture, construction, and surfaces. In addition, ContiTech serves the automotive and transportation industries as well as rail transport.