

IT engineer Data Engineering - Tech Lead

Your tasks

- Govern data acquisition and ingestion architecture for enterprise-wide data & analytics integration.
 - Establish reusable, scalable, and governed interfaces to all source systems across business domains.
 - Define standards and ensure engineering quality across ingestion pipelines and upstream data flows.
 - Act as escalation and design authority for ingestion, unstructured data, and advanced analytics integration points.
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- Oversees ingestion and integration design across 100+ data sources.
 - Supports 25+ data engineering and data science professionals with ingestion architecture and troubleshooting.
 - Interfaces with source system experts, data scientists, platform architects, and functional IT stakeholders.

Main Tasks

- Define ingestion frameworks for batch, streaming, and APIs.
 - Establish standards for JSON, CSV, XML, and unstructured data.
 - Govern manual uploads and exception workflows.
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- Collaborate with system owners to define interface specifications.
 - Manage schema evolution and API reliability.
 - Align ingestion architecture with platform and business requirements.
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- Collaborate on ingestion for data science and ML pipelines
 - Ensure robust API and event-driven integration for AI/LLM use cases.
 - Support complex acquisition scenarios with scalability requirements.
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- Review high-risk ingestion pipelines for performance and security.
 - Support data engineers on error handling, retries, and load orchestration.
 - Ensure ingestion aligns with governance and architecture.
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- Maintain ingestion libraries and templates.
 - Promote reuse and automation across engineering teams.
 - Lead best practices in TDD, code reviews, and pipeline testing.
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- Maintain architectural blueprints, templates, and best practices.
 - Publish design guidelines and coding standards.
 - Create re-usable architecture patterns for lakehouse environments.
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- Monitor usage and implement auto-scaling policies.
 - Analyze and optimize cluster configurations for cost-efficiency.
 - Provide cost transparency and usage reporting to stakeholders.



Job ID
REF87520Q

Location
Bengaluru

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
ContiTech India Pvt. Ltd.

Your profile

Degree in Computer Science or related field; certifications in Databricks or Microsoft Azure preferred.

6–10 years in data engineering with strong focus on enterprise-scale data & analytics integration, including ML and LLM scenarios.

Experience building robust ingestion frameworks and reusable components.

Track record of architectural ownership and peer enablement with diverse teams.

Experience working in international teams across multiple time zones and cultures, preferably with teams in India, Germany, and the Philippines.

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...

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[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.

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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.

The IT Digital and Data Services Competence Center of ContiTech caters to all the Business Areas in ContiTech and responsible among other on areas of Data & Analytics, Web and Mobile Software Development and AI

The team for Data services specializes in all platforms, business applications and products in the domain of data and analytics, covering the entire spectrum including AI, machine learning, data science, data analysis, reporting and dashboarding.