

Data and Cloud Architect (m/f/d)

Ihre Aufgaben

We're building **1ADP - the One AUMOVIO Data Platform**: a self-service, enterprise-grade cloud data platform that transforms raw data from across the organization into trusted, reusable data products. Built with **Databricks** and **AWS**, 1ADP serves data engineers, data scientists, analysts, and business users across AUMOVIO's domains - from Production and Supply Chain to Finance and beyond.

As a **Data and Cloud Architect**, you will be a key technical authority within the **A IT DCA DP** platform team. You will shape the architecture of 1ADP, drive technical decisions - and ensure the platform scales securely to meet growing enterprise demand. You'll work across cloud infrastructure, data engineering patterns, governance frameworks, and developer-facing self-service tooling.

What You'll Work On:

- **Platform Architecture** – Design and evolve 1ADP across Databricks workspaces, Unity Catalog, and AWS infrastructure. Define Medallion architecture (Bronze Silver Gold) standards and lead design of new capabilities such as the Data Marketplace, Data Product Framework, and AI/ML infrastructure.
- **Cloud Infrastructure & GitOps** – Own AWS CDK deployment stacks and guide the Terragrunt / Terraform provisioning model.
- **Data Governance & Security** – Architect federated governance with centralized compliance rules. Design security and access control patterns.
- **Data Mesh & Data Products** – Translate the Data Mesh vision into platform capabilities. Support domain teams in building and publishing data products.
- **Integrations & AI/ML** – Design and Shape AI/ML infrastructure including AI Agents (AgentBricks), MLFlow, AI Gateway, and LLM-powered features.

Developer Enablement – Define architectural standards and reusable templates, mentor engineers, and keep platform documentation accurate and accessible

What Makes This Role Unique

- **Platform impact at scale** – your architectural decisions will affect every data team across AUMOVIO.
- **End-to-end ownership** – from Terraform module design to Unity Catalog governance to the developer portal, you'll have a hand in all layers.
- **Data Mesh at enterprise scale** – help AUMOVIO move from centralized IT bottlenecks to a domain-driven, self-service data culture.
- **Modern, evolving tech stack** – Databricks, Delta Lake, AI/ML on AWS. No legacy constraints.



Job ID
REF8244P

Arbeitsbereich
Informationstechnologie

Standort
Timișoara

Leadership Level
Leading Self

Rechtliche Einheit
**AUMOVIO TECHNOLOGIES
ROMANIA S.R.L.**

- **Collaborative, documentation-driven culture** — we write things down, review in public, and build for the long term.

Ihr Profil

Cloud & AWS

Hands-on experience with core **AWS** services (S3, IAM, networking, DNS, certificate management). You understand cloud security basics and have applied IAM best practices in at least one project.

Infrastructure as Code

Practical experience with **Terraform** or a comparable IaC tool. You can read, write, and modify infrastructure definitions independently and know your way around a CI/CD pipeline.

Data Engineering

Solid understanding of Lakehouse patterns (Bronze / Silver / Gold) and data pipeline concepts. You've built or maintained at least one end-to-end data flow on a modern platform (Databricks, Synapse, BigQuery, or similar).

Programming & Scripting

Proficient in **Python** and **SQL** for automation, data tasks, and tooling. Comfortable picking up new languages or frameworks when needed.

DevOps Mindset

Familiarity with **GitOps** workflows, CI/CD pipelines, and version-controlled infrastructure. You automate repetitive tasks and care about developer experience.

Security & Networking

Practical understanding of cloud networking (VPCs, subnets, DNS, TLS/certificate management) and IAM. You've implemented or contributed to security controls in a cloud environment.

Platform Operations

Experience contributing to the operational stability of a live platform — monitoring, incident response, or on-call participation. You take ownership of what you ship.

Cross-Team Collaboration

Comfortable advising business units or development teams on cloud and data architecture topics. You can bridge the gap between technical requirements and stakeholder needs.

Communication

Able to explain technical concepts clearly to both engineers and non-technical stakeholders. You document your work and actively share

knowledge with the team.

Nice-to-Have

- Experience with **Databricks** – workspaces, compute, Unity Catalog, or Delta Lake.
- Exposure to **security-by-design** practices, compliance controls, or working with Cyber Security teams.
- Familiarity with **AI/ML tooling** – MLflow, model registries, LLM APIs, or similar.
- Interest in evaluating and prototyping **emerging technologies** (Big Data, AI, Cloud).
- Experience with **platform observability** – monitoring, incident response, or on-call participation.
- Interest in **mentoring** junior engineers and improving onboarding, documentation, or internal tooling.

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What we offer:

Pay for Performance:

- Achievement Bonuses and Rewards;
- Recommendation Bonuses for new team members;
- Flexibility Program including flexible hours, mobile work and sabbaticals.

Wellbeing:

- Health & Wellness (Private Health Insurance, Life Insurance, Sport activities etc.);
- Different discounts (glasses, tires, medical, shopping);
- In-house restaurant & coffee corners.

Life-Long Learning:

- Dedicated Programs and Conferences;
- Free Language Courses (English, German, French etc);
- Access to e-learning platforms;
- Career development opportunities (local and international);
- Internal development communities (Experts, Agile Community of Practice, Artificial Intelligence etc).

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

Über uns

Since its spin-off in September 2025 AUMOVIO continues the business of the former Continental group sector Automotive as an independent company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking and comfort systems as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024 the business areas, which now belong to

AUMOVIO, generated sales of 19.6 billion Euro. The company is headquartered in Frankfurt, Germany and has about 87.000 employees in more than 100 locations worldwide.