

Position: **Senior Data Architect – AWS & Databricks**

📍 Bengaluru, Karnataka- India



Factspan Overview:

Factspan is a pure play data and analytics services organization. We partner with fortune 500 enterprises to build an analytics center of excellence, generating insights and solutions from raw data to solve business challenges, make strategic recommendations and implement new processes that help them succeed. With offices in Seattle, Washington and Bengaluru, India; we use a global delivery model to service our customers. Our customers include industry leaders from Retail, Financial Services, Hospitality, and technology sectors.

Role Overview:

We are seeking a seasoned Senior Architect to define and drive the enterprise data platform architecture and strategy built on AWS and Databricks. This role is pivotal in shaping a scalable, domain-oriented (Data Mesh-ready), AI-enabled data ecosystem that supports analytics, data science, and operational use cases across the enterprise.

The ideal candidate combines deep technical expertise, strategic thinking, and hands-on architecture leadership, with the ability to influence senior stakeholders and guide cross-functional teams.

Key Responsibilities:

1. Enterprise Architecture & Strategy

- Define the target state architecture for enterprise data platform (multi-domain, scalable, secure)
- Develop roadmaps for platform evolution (current -> future state)
- Establish architecture principles aligned to business and AI strategy
- Drive adoption of modern patterns such as:
 1. Data Mesh / Domain-oriented architecture
 2. Lakehouse (Databricks)
 3. Medallion architecture (Bronze-Silver-Gold)
 4. Data Products & Data Contracts

2. Platform Design (AWS + Databricks)

- Architect end-to-end platform including:
 1. Data ingestion (batch, streaming)
 2. Storage (S3, Delta Lake)
 3. Processing (Databricks, Spark)
 4. Orchestration (Airflow / AWS Step Functions)
 5. Consumption (BI, APIs, ML)
- Define multi-environment strategy (dev, test, prod)
- Design for performance, scalability, cost optimization

3. Data Governance & Quality Integration

- Embed governance into platform design:
 1. Metadata management (e.g., Collibra)
 2. Data lineage and cataloging
 3. Data quality frameworks
- Define data ownership model and domain responsibilities
- Enable policy-driven access control and compliance

4. AI / Advanced Analytics Enablemen

- Enable platform for:
 1. Machine learning lifecycle
 2. Feature engineering & feature stores
 3. GenAI / LLM integration readiness
- Design integration with tools like MLflow, vector databases, etc.

5. Migration & Modernization

- Lead migration from legacy platforms to AWS/Databricks
- Define migration patterns (replatform, refactor, retire)
- Drive phased execution with minimal business disruptio

Required Qualifications:

- 15–18+ years in data engineering / architecture roles
- 10+ years of experience in AWS-based data platforms
- 5+ years of hands-on experience with Databricks (Lakehouse)
- Proven experience designing enterprise-scale data platforms
- Strong expertise in
 1. Distributed data processing (Spark)
 2. Data modeling (dimensional, domain-driven)
 3. Batch & streaming architectures

*If you are passionate about leveraging technology to drive business innovation, possess excellent problem-solving skills, and thrive in a dynamic environment, we encourage you to apply for this exciting opportunity.
Join us in shaping the future of data analytics & making a meaningful impact in the industry.*

Why Should You Apply?



Grow with Us: Be part of a hyper-growth startup with ample number of opportunities to Learn & Innovate



People: Join hands with the talented, warm, collaborative team and highly accomplished leadership.



Buoyant Culture: Embark on an exciting journey with a team that innovates solutions everyday, tackles challenges head-on and crafts a vibrant work environment