

ARPIT JAIN

Director, Data Engineering & Delivery, S&P Global Ratings

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EXECUTIVE SUMMARY

- Director of Data Engineering and Delivery with **21+ years of experience** leading large-scale, cloud-native platforms and consulting-style delivery in **financial services and regulated environments**.
- Proven leader in **building and scaling global engineering teams**, driving engineering excellence, delivery predictability, operational resilience, and cost efficiency for **mission-critical systems**.
- Strong background in **customer-facing delivery**, partnering with business, product, and technology leaders to translate complex requirements into secure, scalable solutions that deliver measurable outcomes.
- Experienced in managing **risk, security, compliance, and operational excellence**, while fostering a culture of accountability, continuous improvement, and high team engagement.

SKILLS

- **Languages:** Python, Java
- **Frameworks:** Spring, Angular,
- **Big Data Tech:** Spark, Kafka,
- **Architecture:** SOA, Microservices, ELT
- **Engineering Practices:** CI/CD, Agile / SAFe, Observability, Secure SDLC, Automation-first design
- **SQL:** Oracle, Postgres
- **NoSQL:** MongoDB
- **Data lake:** Databricks
- **Deployment:** Containers
- **APM:** Splunk
- **Cloud:** AWS
- **Delivery & Operations:** Consulting delivery, Pre-sales support, Capacity planning, Risk & escalation management, Agile / SAFe delivery
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PROFESSIONAL EXPERIENCE

S&P Global Ratings India

Director, Data Engineering | Oct 2018 – Present

- Lead **global engineering and delivery teams** responsible for Tier-0/Tier-1 data platforms supporting critical business decisions in a regulated financial environment.
- Accountable for **delivery predictability, platform reliability, security, and operational excellence**, partnering closely with business, product, and technology leadership.
- Drove the evolution of a data ingestion and extraction platform from a single-practice solution to an **enterprise-scale platform supporting 4 business practices and 600+ sectors**, eliminating manual imports through extensive automation.
- Collaborate with stakeholders to **prioritize demand, plan capacity, and manage delivery across multiple initiatives**, adapting to changing priorities while maintaining quality and timelines.
- Architected a **metadata-driven, automation-first platform**, delivering efficiency gains equivalent to **15 FTEs**, while reducing operational complexity and total cost of ownership.

- Championed **AI-enabled automation** to improve delivery speed and productivity, reducing analyst data availability from **45 days to 2 hours**.
- Owned **security, risk, and compliance posture** for the platform, including RBAC, auditability, and adherence to enterprise data protection standards.
- Established strong **operational governance and observability**, leveraging Splunk for APM, RUM, and log analytics to proactively manage incidents and improve service quality.
- Acted as an **escalation point** for complex delivery and operational issues, working across teams to remove blockers and ensure successful outcomes.

ADP India

Application Architect | May 2008 – Oct 2018

- Worked as a **Technical Architect** in Human Capital Management (**Vantage product**) and Garnishment Services business domains.
- Led **algorithm design and implementation** to improve the architecture of legacy systems.
- Started **microservices development and containerization**, establishing modern architectural patterns.
- Provided technical expertise and helped build a **developer community of ~200 engineers**.
- Worked with the **Chief Architect** to evangelize technical standards and best practices across business units (coding standards, architecture standards, and adoption practices).
- Hands-on involvement in **development, design, and architecture reviews**.

Tata Research Development and Design Centre (TRDDC), TCS

Assistant System Engineer | Jul 2004 – May 2008

- Started career with Tata Research Development & Design Center (TRDDC).
- Worked on building **highly scalable, platform- and language-independent static program analysis products**.
- Developed **lexical analyzers** using Java for multiple programming languages, including **COBOL, C, and C++**, as part of static program analysis solutions.

PROFESSIONAL AWARDS

- S&P Global Ratings, H1'25 Ratings Impact Award (Innovation) – 2025
- S&P Global Ratings, Peers' Choice Award – Dec 2023
- S&P Global Ratings, Strongest Link – Leadership Award – Q1 2021
- S&P Global Ratings, Strongest Link – Team Award – Q1 2020
- ADP India, DNA Award (ADP Design and Architecture) – 2014
- ADP India, Associate of the Year – 2011

PROFESSIONAL CERTIFICATIONS

- Professional Certificate Programme in Generative AI and Machine Learning – IIT Madras (Oct 2025 – Apr 2026, In Progress)
- Chief Technology Officer, ISB – 2024
- Databricks Certified Data Engineer Associate – 2022
- Certified SAFe Agilist – 2022
- AWS Certified Solutions Architect – 2022
- Microsoft Certified – MTA: Introduction to Programming Using Python – 2021

- Certified Kubernetes Application Developer (CKAD) – 2020
- Oracle Certified Master Java Enterprise Architect (OCMJE) – 2010
- Sun Certified Web Component Developer (SCWCD) – 2006
- Sun Certified Java Programmer (SCJP) – 2004

EDUCATION

- **MCA** – 82%, June 2004
- **B.Sc. (Mathematics)** – 73%, May 2000