

Abhik Sengupta

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☆ PROFESSIONAL SUMMARY

With over 18 years of experience in data warehousing, cloud architecture, and enterprise data modernization, I specialize in designing scalable, secure, and business-aligned technology solutions that drive measurable impact. Currently serving as Principal Architect at Hakkoda, I lead a high-visibility initiative directly overseen by the VP and visible to the CEO, orchestrating execution across multiple concurrent workstreams. My role demands a balance of deep technical expertise, architectural rigor, and strategic leadership—ensuring precise delivery execution while aligning with executive-level stakeholder expectations. Known for delivering transformation at scale, I empower organizations to unlock the full value of their data through forward-thinking cloud strategies and resilient enterprise platforms.

☆ CORE COMPETENCIES

- Cloud Architecture (AWS, Azure, Snowflake)
 - Data Warehousing (Snowflake, Redshift, BigQuery)
 - ETL/ELT Engineering (dbt, Matillion, Coalesce, Dataiku, Informatica)
 - Data Lakehouse & Analytics (Databricks, Power BI, Tableau, Sigma)
 - CI/CD & DevOps (Airflow, Jenkins, Git, Coalesce, Docker, Terraform)
 - Data Migration & Modernization Strategy
 - Enterprise Integration (ERP, CRM, OTM, SCM)
 - Team Leadership & Mentorship
 - Client Advisory & Delivery Ownership
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☆ CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
 - Snowflake SnowPro Advanced – Architect
 - Official AWS Instructor – 20,000+ hours of training
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☆ PROFESSIONAL EXPERIENCE**Principal Architect**

Hakkoda, Remote – June 2025 to Present

- Lead strategic architecture across multiple enterprise accounts in cloud modernization and data platform

transformation.

- Oversaw global client engagements, ensuring alignment to business outcomes and data strategy.

Lead Architect

Hakkoda, Remote – January 2025 to June 2025

- Directed technical delivery and architectural design for high-impact Snowflake and cloud data projects.
- Transitioned teams to modern DevOps practices and established robust data governance frameworks.

Data Architect

Hakkoda, Remote – June 2022 to December 2024

- Spearheaded Snowflake implementations for major clients, including US Foods and Perdue Farms.
- Designed enterprise-wide data models, security hierarchies, and CI/CD pipelines (dbt, JINJA, Airflow).
- Advised enterprise customers on analytics modernization and data integration strategies.

Practice Architect

TEKsystems Global Services – 2020 to 2022

- Led cloud migration and data modernization for clients like Allegis, P&G, and United Supermarkets.
- Created the “Cloud Migration Toolkit” used for enterprise-grade Oracle to Snowflake transitions.

Product Architect & Tech Lead

Various Enterprise Clients

- Designed and delivered large-scale data platforms and business intelligence systems.
- Led hybrid teams, optimized performance, and implemented machine learning infrastructures.

☆ **LEADERSHIP & IMPACT**

- Directed 10+ enterprise-grade cloud migration projects involving Snowflake, Azure, and AWS.
- Built secure, cost-effective, and AI-ready data platforms.
- Mentored global engineering teams (30+), fostering skill growth and cultural collaboration.
- Collaborated with executive leadership to translate business needs into technical roadmaps.

☆ **VOLUNTEER & COMMUNITY INVOLVEMENT**

- Mentor for hackathon groups at **MIT (HackMIT)** and **Rice University (HackRice)**.
- Member of the **Forbes Technology Council**, with published articles on Forbes.
- Experienced Judge with **HackUnited**.
- **Assessor** for the SCRS Fellow Membership Program.
- Presented multiple papers at conferences including **SCRS** and **SGCNSP-2025**.
- **Top 1% Mentor on Topmate**, guiding professionals and startups in cloud strategy and architecture.
- Mentor at **Startupbootcamp**.
- Research Paper Reviewer on **Microsoft CMT**.
- Journal Reviewer at **SCRS** for *Engineering Applications of Artificial Intelligence* and *MethodsX*.
- **Senior Member of IEEE**; Member of **AAAI** and **ACM**.
- **Fellow at IETE**.

- Judge for the **2025 Globee® Awards**: Technology, Innovation (Golden Bridge), Business, Disruptors, Achievements.
 - Panel Judge for the **Business Intelligence Group** and the **Claro Awards**.
 - Conducted **mock interviews** at *The Knowledge House*.
 - Author of multiple research papers.
 - Published & presented in *International Journal of Communication Networks and Information Security (IJCNIS)*, *Journal of Electrical Systems*, and *Advanced Engineering Science*.
 - Paper presented at the **4th SGCNSP Conference** (to be published in Springer).
 - Paper presented at the **2nd IACIS Conference** (to be published in IEEE).
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☆ AWARDS & HONORS

- **Global Technology Master – Data Cloud** – TEKsystems, 2021
 - **Outstanding Performer – Analytics Practice** – Capgemini, 2011
 - **Best Young Performer** – Keane Inc., 2008
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☆ EDUCATION

Bachelor of Technology (B.Tech)

Visvesvaraya Technological University – Bangalore, India – 2007