

**Further work experiences:** UTU (Technical Lead), Truckaurbus Marketplace Pvt. Ltd. (Founder), Microsoft (SDE). Read more at subhadipmitra.com/cv

* Designed X global Data Lakes with ETL pipelines handling Y PB/hour and Z,000 daily files.
* Engineered real-time platform processing XM events/second, improving Ad campaign responsiveness by Z%.
* Built ML fraud detection system for leading bank: X% fewer false positives, Y% higher detection rates resulting in $ZM in savings.
* Managed large-scale Hadoop infrastructure (X+ nodes), ensuring high availability and performance of critical data workloads.

**Principal Data Engineer & Solution Architect / Teradata**

Singapore 2014 - Present

**Principal Engineer / Standard Chartered Bank**

Singapore 2014 - Present

* Led design and development of retail bank's data & analytics platform for X+ markets, Y+ systems, and N+ users.
* Architected retail bank’s Martech strategy, boosting customer acquisition X% and retention Y% via data-driven personalization.
* Developed self-service ML Workbench: reducing model production deployment time from X months to Y weeks.
* Created innovative credit risk models over X,000 named entities, leveraging news trends and social influencers, improving accuracy by Y% and reducing potential losses by $ZM.
* Defined technology strategy and roadmaps for bank’s external / 3rd party data management, monetization, privacy, explainable AI, data sovereignty and cloud adoption.
* Spearheaded GCP's Southeast Asia D&A practice, delivering $XM in projects with 100% customer satisfaction.
* Architected Data Monetization, Data CoE, Cross Cloud Data Mesh, Edge Analytics & Martech strategies, boosting JAPAC pursuit value by $YM.
* Established Z strategic partnerships, generating $XM in revenue for Professional Services.
* As Site Lead, managed $YM delivery portfolio across AI/ML, Data Analytics, Infrastructure, and Security. Also, automated revenue modeling for projects, reducing forecast variance Z% and improving deviation detection N%.
* Built an automated tool using (billion+ node) graph modeling and algorithms to analyze complex GCP workloads, enhancing cloud architecture assessment efficiency and accuracy.
* Innovated patent-pending GenAI Multi-Agent Decisioning system.

This is a public version of my resume with certain sensitive details removed for privacy. These include contact numbers and specific project metrics. For a detailed resume, please contact me at [contact@subhadipmitra.com](mailto:contact@subhadipmitra.com) or connect with me on [LinkedIn](https://www.linkedin.com/in/subhadip-mitra/).

Hands-on Data and AI leader with 15+ years’ experience spearheading innovation across industries. Adept at building high-performance teams, executing strategic roadmaps, and directly implementing cutting-edge solutions for significant business impact. Combines strategic vision with deep technical expertise to drive transformative Data and AI initiatives.

**Unique strength:** Blends deep AI and distributed systems expertise with business acumen to deliver impactful data transformations. Translates complex tech into actionable strategies, driving innovation and cross-functional collaboration for organizational success.

**Key achievement:** Led a $X million GenAI presales initiative, driving Y% team certification in N months. This elevated our Z-person regional team to trusted AI advisors, resulting in a M% increase in AI-related sales opportunities and positioning us as industry thought leaders in emerging AI technologies.

**HIGHLIGHTS**

**DevOps & Architecture:** Microservices, REST APIs, GraphQL

**GenAI:** RAG, RHLF, LangChain, LlamaIndex, Tensorflow, Kubeflow

**Databases:** BigQuery, BigTable, MongoDB, Postgres

**Big Data & Cloud:** Hadoop, Spark, Kafka, Apache HBase, Apache Arrow, Apache Iceberg, Airflow, dbt, AWS, Google Cloud Platform (GCP)

**Languages:** Java, Python, Node.js, SQL

**SKILLS**

**Education**

**social networks**

Linkedin.com/in/subhadip-mitra

Github.com/bassrehab

**MBA**

Business Analytics

BITS Pilani, India

BITS Pilani, India

**Master of Technology**

Software Systems

**Meeting Link:** <https://subh.co/ghk>

**Email:** contact@subhadipmitra.com

**Web Site:** www.subhadipmitra.com

SUBHADIP MITRA

AI / ANALYTICS & ENGINEERING LEADERSHIP

**Data & Analytics Manager and Site Lead, SE Asia / Google**

Singapore 2014 - Present

**Profile**

**WORK EXPERIENCE**