Subhadip Mitra

contact@subhadipmitra.com | +65 XXXX XXXX

github.com/bassrehab
linkedin.com/in/subhadip-mitra

Accomplished Data and AI leader with 14+ years of experience driving innovation and transformation in diverse industries. Proven ability to build high-performance teams, develop and execute strategic roadmaps, and deliver significant business impact through cutting-edge Data and AI solutions.

Java, Python, Distributed Systems, Solution Architecture, AI/ML, Generative AI, Data & AI Transformation Strategy, API, Microservices, Google Cloud, AWS

Interested in connecting? Let's schedule a one-on-one discussion to explore opportunities. **Setup meeting**

WORK EXPERIENCE

Google | Data & Analytics Lead, Southeast Asia; Site Lead, Southeast Asia, Professional Services

Nov 2021 – onwards, Singapore

- Led Google Cloud's PSO Data & Analytics in Southeast Asia, achieving 100% customer satisfaction and $X million in presales.
- Oversaw $Y million delivery portfolio across multiple practices.
- Developed Data Monetization, AI CoE, Cross Cloud Data Mesh, Edge Analytics & Martech strategies.
- Drove GTM partnerships with top consulting firms, boosting strategic alignment and innovation.
- Aligned cross-functional teams with new service strategies, achieving YoY $Z million services revenue growth.

Standard Chartered | Principal Engineer

Jul 2019 – Nov 2021, Singapore

- Led development of retail bank's data & analytics platform serving multiple markets, systems, and users. Formulated and executed MarTech/AdTech strategy for digital banking.
- Developed self-service ML Workbench, significantly reducing model deployment time.
- Created credit risk models leveraging news trends and social influencers, significantly improving accuracy and reducing losses.
- Developed risk scoring models incorporating alternative data sources, increasing accuracy and reducing loan defaults.
- Defined technology strategy and roadmaps for bank's data management, partnerships, monetization, marketing automation, customer experience, privacy, XAI, data sovereignty, and cloud adoption.

Teradata | Principal Data Engineer / Solution Architect

May 2017 – Apr 2019, Bangalore / Singapore

- Designed and developed X global Data Lakes with scalable ETL pipelines, handling up to Y PB per hour and Z K daily files.,
- Engineered a low latency real-time in-memory platform, processing over X million events per second.,
- Built a real-time fraud detection ML system for a leading bank, reducing false positives by Y% and increasing detection rates by Z%.,
- Successfully built and upgraded multiple Hadoop clusters on Cloud/On-prem, ranging between X nodes.

UTU Pte. Ltd. | Technical Lead

May 2016 – Apr 2017, Bangalore

- Built foundational services and partner integrations for the maiden launch of UTU in Thailand.
- Developed a low latency (<Y µs) transaction processing module for bank mainframe integration.

Truckaurbus Marketplace Pvt. Ltd. | Founder

Jun 2013 - May 2016, Mumbai

- Took Truckaurbus from zero to launching across 15 cities, and 25+ OEM/Banks/NBFC Partners and 240K unique visitors/day
- Architected the core marketplace and auctioning platform, dealers lead generation network and ad-serving platform

Microsoft | Senior SDE - *Jan 2011 - Apr 2013, Hyderabad*
Accenture | Senior Analyst - *Sep 2009 - Dec 2010, Bangalore*

EDUCATION

Master of Business Administration, Business Analytics | Birla Institute of Technology and Science (BITS), Pilani, IN
2021 −2023

Master of Technology (Software Systems) | Birla Institute of Technology and Science (BITS), Pilani, IN
2017 − 2020
Work Integrated Learning Program; Courses Taken: Distributed Systems, Artificial Intelligence, Machine Learning, Real Time OS, etc.

Bachelor of Technology (Electronics & Communications Engineering) | Amity University, Noida
2005 − 2009

SKILLS

- **Languages:** Java, Python, Node.js, SQL, HTML5

- **Technologies:** Hadoop, Hive, Apache Spark, Apache Kafka, Apache Ignite, Apache HBase, Apache Arrow, Apache Iceberg, Quarkus, GraalVM, AWS, Google Cloud Platform (GCP) - BigQuery, Dataflow, Pub/Sub, Airflow/Cloud Composer, BigTable, REST APIs, Microservices, Cloudera, Hortonworks, Mongo DB, Apache Cassandra, Solidity

- **Machine Learning:** MLOps, Recommendation Systems, Anomaly Detection, Fraud Detection, Natural Language Processing (NLP), Risk Modeling, TensorFlow, Keras, pandas, scikit-learn, matplotlib, Transformers, Transfer Learning, Kubeflow, Generative Models (e.g., GANs, VAEs, Diffusion Models)

- **Generative AI:** Fine-tuning and Prompt Engineering for Large Language Models (LLMs), Reinforcement Learning from Human Feedback (RLHF), Retrieval Augmented Generation (RAG), Agent Development, LangChain, LangGraph, LangSmith, LlamaIndex

- **Cloud:** Google Cloud Certified [Professional Data Engineer](), Google Cloud Professional [Machine Learning Engineer](), Google Cloud [Professional Architect]()

- **Others**: Solution Architecture, Strategy Consulting, Product design & management, C-suite Advisory, GTM Strategy, Cloud Migration, Data Privacy, Object Oriented Design, Stakeholder Management, Pre-sales Engineering, RFP and RFI responses, Design Thinking, Team Leadership, Strategic Planning, Communication

INTERESTS

Distributed Systems, Big Data Analytics, Machine Learning & AI, Data Structures & Algorithms, Data and Computation Privacy, Open Source Solutioning, Quantum Computing, Competitive Programming, Graph Neural Networks, Quantitative Finance and HFT

Read more at: https://subhadipmitra.com/blog