Anupam Yadav

Data engineer / data scientist

Summary

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| Linkedin: [https://www.linkedin.com/in/anupam-yadav-34182513//](https://bk-anupam.github.io/)Kaggle: https://www.kaggle.com/bkanupamOver 17 years in investment banking technology, delivering large-scale AI/ML-driven analytics solutions for top-tier firms like Morgan Stanley, RBS, and Barclays. Expertise in commodities trading, regulatory reporting, CMBS, and cross-asset risk management.A polyglot senior technologist, I have built enterprise-grade data platforms by architecting distributed systems, high-volume data pipelines, and ML-driven analytics engines. Skilled in collaborating with business stakeholders to align AI-driven insights with strategic decision-making.Always exploring new advancements in LLMs, generative AI, and autonomous agents to push the boundaries of what AI can achieve. |

Experience

**Freelance data engineer / data scientist – 01/2020 to date**

Working as a freelancer data scientist on platforms on NLP, computer vision, tabular data problems. Working with LLMs and agentic AI frameworks to build autonomous agents to solve both common and challenging use cases.

**VP, Lead Data Engineer** - 07/2018 to 10/2019

**Barclays Global Service Centre**, Pune

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|  Led the build out and enhancement of the strategic core big data platform for treasury and liquidity area in Barclays  |   |

**AVP, Senior Developer** - 07/2015 to 06/2018

**Barclays Global Service Centre**, Pune

As part of Risk and Analytics team worked on a strategic initiative to build across asset class risk store. This involved ingesting data to the store from different pricing systems and developing components and APIs to distribute ingested risk data to various downstream consumers.

**AVP, Tech Lead** - 03/2012 to 06/2015

**Barclays Global Service Centre**, Pune

Development, enhancement and maintenance of several commodities precious and base metals trading applications used by operations and trading desks.

**Senior Associate** (Individual Contributor) - 07/2009 to 02/2012

**Sapient Global Markets,** Gurgaon

Worked as a contractor for RBS and Wellington

**Lead Consultant** (IC / Tech Lead) - 10/2005 to 06/2009

**Genpact Capital Markets (HeadStrong),** Noida

Worked as a contractor for Morgan Stanley and Clayton Financials

**Assitant Systems Engineer** (Developer) - 03/2002 to 09/2005

**TCS,** Lucknow, Gurgaon

Education

Bachelor of Technology: **Materials and Metallurgical Engg**

1997-2001 **I.I.T Kanpur**

**Skill Highlights**

* RAG / Agentic AI
* Data Engineering
* Data Science / Machine Learning / Deep Learning
* NLP / Computer Vision
* Generative AI
* Prompt engineering

**Programming**

**Software Engineering & System Design:**Java, Scala, Python, REST APIs, Microservices

**Generative AI / LLMs:** Transformers, RAG, Langchain, LangGrapgh

**BigData:** Hadoop, Spark, Hive, Impala, Cloudera, Databricks, MongoDB

**DevOps:** Docker, Kubernetes, Openshift

**DataScience/ML :** Pandas, numpy, matplotlib, seaborn, scikit-learn, pytorch, pytorch lightning, hugging face, xgboost, lightgbm, catboost

**Languages**

English

Hindi

Education

Bachelor of Technology:

**Materials and Metallurgical Engg**

1997-2001

**Indian Institute of Technology**

**Kanpur**