RAJDEEP BISWAS

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Career Highlights

- Proven track record of driving highly agile data and AI initiatives aligning technology implementation strategy and roadmap with business goals and consistent return on investments.
- Defined and executed scalable data engineering, analytics, and AI/ML strategies, creating three new data-focused products augmented with Generative AI capabilities in the last 12 months.
- Designed petabyte-scale data platforms across on-premises and cloud environments, enhancing product intelligence and team collaboration.
- Awarded LinkedIn Top Voice 2023 for contributions in Management, Data Architecture, Data Science, Governance, Cloud Architecture, and BI.
- Recognized as Gartner Global Data & Analytics Ambassador in May 2024 https://www.gartner.com/peer-community/profile/rajdeep-biswas-jYpMI

Professional Experience

Neudesic, an IBM Company – Houston, TX   Nov 2022 - Present
Global Vice President, Industry Solutions
Responsible for driving data strategy, aligning with business goals, and delivering revenue growth through data & AI driven initiatives and building products around that. Led a global, high-performing team, optimized data lifecycle management, and collaborated with cross-functional teams to implement Data & AI solutions, improving operational efficiency and customer satisfaction.

GEP Worldwide – Houston, TX   Mar 2022 – Nov 2022
Head of Data Engineering & Analytics, Vice President
Reported to the CEO, led a global team of engineers, data scientists and product experts in building innovative data & AI products. Developed a unified analytics platform to efficiently integrate data sources and incorporate AI, resulting in significant customer value and revenue growth.

Microsoft Corp. – Houston, TX   Jun 2018 – Mar 2022
Director, Azure Data & AI
Directed Azure Data & AI cloud solution team, delivering end-to-end data and ML solutions with lasting impact, while focusing on stakeholder value proposition and balancing strategic and tactical aspects.

Hortonworks Inc. – Houston, TX   Apr 2016 – Jun 2018
Lead Solutions Architect
Leveraged Hadoop and Spark technologies to deliver streamlined Data Science and Data Engineering solutions, achieving significant ROI for business units. Spearheaded adoption of the HDP platform, driving improved performance, substantial cost savings, and revenue generation.

JP Morgan Chase & Co. – Houston, TX   Aug 2014 – Apr 2016
Senior Engineering Manager, Big Data & Advanced Analytics
Modernized the OLTP and Data Warehouse platform for corporate collateral management system. The system was the backbone for various operational aspects of managing collateral to mitigating credit risk.

Additional Experience

Alliance Data Systems, Data Engineering Manager, Marketing Data Platform   Oct 2013 – Aug 2014
JP Morgan Chase & Co. - Cognizant Technology Solutions, Technology Lead, DW & BI   May 2011 – Oct 2013
Hartford Insurance Group - Tata Consultancy Services, Senior Data Engineer   Aug 2010 – Apr 2011
Apple iCloud - Infosys Technologies Ltd., Senior Data Engineer   Jul 2007 – Jul 2010

Skills

Core Skills: Data Engineering & Analytics Strategy | Advanced Analytics & Machine Learning | Data Platform and Product Development | Cross-functional Leadership | Innovation & Product Intelligence | Business Analysis & Reporting | Data Governance & Compliance | Data engineering | Data Architecture | Business intelligence | Analytics Products Strategy, Build, & Management |Data as a Service | Big Data | Data Warehouse | BI Solutions & Data Architecture | Data Storytelling | Predictive Modeling | Advanced Analytics | AI, ML, NLP Algorithms | Data Visualization | MDM, Data Governance, Data Lineage | ETL/ELT & Distributed Computing | DevOps | DataOps & MLOps | Software Engineering Processes | Responsible AI
Organizational Skills: Team Building | Mentorship | Hiring & Talent Retention | Budget & P&L Management | Negotiations |

Strategic Vision | Planning & Change Management | Stakeholder Management | Performance Review | Conflict Management

Technical Expertise: Azure, AWS Cloud | Big Data Ecosystem (Hadoop, Spark, Hive, Hudi, Kafka, Solr, Hbase, Cassandra, Druid, Iceberg, Airflow) | Python, R, Scala, Java | SQL (Oracle, SQL Server, MySQL, Postgres) | NoSQL (Cosmos, HBase, Cassandra) | Shell & Perl scripting | Data Management: Purview, Profisee MDM, Apache Atlas | Data Visualization: PowerBI, Tableau | M365 | Snowflake | Redshift | SAP | Big Query | Azure Cognitive Search | Azure Open AI | Deep Learning (Keras, TF) | GPT, BARD, Codex, Dall-E | Computer Vision, Time Series, & Sentiment Analysis | Azure Synapse and Fabric | Databricks | Kusto | Azure Machine Learning | Well Architected Framework | Azure IoT | Spark (Batch, Delta Streaming)

Education

Master of Science, Data Science, Bellevue University   Aug 2021
Bachelor of Technology, Electrical Engineering, St. Thomas College of Engineering. & Technology   May 2007

Credentials

Certifications: Databricks Lakehouse, Azure Data Engineer, Azure AI Engineer, Microsoft Data Science Certification, AI-Powered Knowledge Mining Accreditation, Modern Data Warehousing, Power Platform, HDP Certified Developer, HDP Certified Administrator, Azure Data Analyst, Microsoft Certified Trainer

Selected Awards:
- 8X LinkedIn Top Voice 2023: Data Analytics | Business Management | Data Architecture | Data Science | Data Governance | Business Intelligence (BI) | Statistics | Data Visualization
- Cloudera Community Global Expert
  https://community.cloudera.com/t5/user/viewprofilepage/user-id/52451
- Innovation Leader: Issued by Neudesic | Apr 2023
- Hero - Connected Customer Experience: Issued by Microsoft | Oct 2020

Selected Products/ Platforms:
- Knowledge Mining and Document Intelligence framework https://azuremarketplace.microsoft.com/en-us/marketplace/consulting-services/neudesictechnologies1612526394686.dip-neu
- Intelligent Ops Accelerator https://azuremarketplace.microsoft.com/en-us/marketplace/consulting-services/neudesic-1020353.intelligent_ops_platform
- Unified data governance with Microsoft Purview, Profisee MDM, and Synapse
  https://azuremarketplace.microsoft.com/en-us/marketplace/consulting-services/neudesic1586529844787.data_governance_purview_profisee_synapse
- LLM model deployment: Optimizing research by building a custom, generative-AI solution on Azure OpenAI Service
  https://customers.microsoft.com/en-us/story/1688315521934714038-hanoverresearch-professional-services-azure-en-united-states
- GEP Quantum: Ai-First Low-Code Platform
  https://www.gep.com/software/gep-quantum
- Supply Chain Management Software – Supercharged By AI
  https://www.gep.com/software/gep-nexxe-supply-chain-management-software
- Monitoring and optimizing a vast number of widely dispersed field assets:
  https://customers.microsoft.com/en-us/story/exxonmobil-mining-oil-gas-azure
- H&R Block Transforming tax time for a digital age
  https://customers.microsoft.com/en-us/story/1540735146173684481-hr-block-professional-services-azure-form-recognizer

Publications:
- LinkedIn Newsletter: The Insightful Enterprise
- Optimization of the Maintenance Fiscal budget of a city: https://github.com/microsoft/A-TALE-OF-THREE-CITIES
- In depth EDA, Sentiment Analysis NLP/NLU Model Building Evaluation and Selection, Model deployment
  https://github.com/RajdeepBiswas/Complete-EDA-and-Sentiment-Analysis
- Publications on Medium: https://medium.com/@inclusive-ai

Organizations:
- Member of the Board of Advisors - Houston Community College
- Member - American Association for the Advancement of Science
- Co-Organizer - Houston Hadoop, Spark, and Machine Learning Meetup group
- Co-organizer - Digital Twin - Microsoft IoT & AI – Texas

Speaker: Regularly present in Data & AI global conferences.