

Alok Ranjan

Area: Information Systems

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Educational Qualification:

- Executive Program in Business Analytics, IIM Kolkata, 2009
- MBA, Indian Institute of Forest Management, Bhopal, 2003

Profile Summary:

- Accomplished Applied AI Leader with over 23 years of rich expertise in Machine Learning, Natural Language Processing, Deep Learning, Network Analysis and Predictive Algorithms to enable smarter data-driven insights
- Built out from scratch multiple high performing technical teams across geographies focusing on analytics, data science and applied AI and fostered a culture of learning and incremental innovation; [authored](#) multiple books/chapters & research papers
- Led the design and deployment of multiple proprietary data science and AI tools targeted for effective insights and business decision making
- Guest speaker to Institute of repute (IIM Ranchi, BITS Pilani Hyderabad, IMT Hyderabad, IIFM Bhopal etc) & in industry conferences and seminars (INFORMS 2017, Las Vegas, ODSC East 2018, Boston, [Machine Learning Developers Summit 2020](#), Hyderabad, Deloitte Analytics Summits, [Sabudh Foundation Talk](#))
- Advisor and mentor to multiple startups and non-profits globally for shaping up their AI and data science strategies
- Received multiple awards on significant contributions for leveraging data science & AI for business value creation

Employment History:

Since Apr' 23 | Accenture Research | Research Innovation Principal Director – DS & AI India Leader

- Built the Data Science & AI India CoE and Accenture Research Hyderabad team from the grounds up Organized AR Learning Days, a global event for Accenture Researchers on GenAI
- Did multiple showcase of generative AI capabilities from Accenture to G2K clients
- Delivered multiple sessions on the application of generative AI to various leadership group of Accenture

May'20 – Apr' 23 | Gaon Connection Insights | Data Science Head (Pro bono Advisor)

- Lead the research and data science strategy for Gaon Connection Insights
- Published the first research report focused on understanding the impact of COVID-19 on rural India with a sample size of more than 25,000 respondents, the findings were quoted in the Indian parliament
- Published the second research report focusing on understanding the perception of Indian Farmers on new agricultural laws pushed by the federal government, covering entire India with a sample size of more than 6000, got picked by major news agencies
- Published the third research report focusing on understanding the attitude of rural India on COVID-19 vaccination, covering entire India with a sample size of more than 6000, got picked by major news agencies

Sep'13 – Apr' 23 | Deloitte Research & Insights | India Data Science Leader

- Built the Data Science, Applied AI, Data Products and Measurement and Metrics team from the grounds up
- Put together data assets and tools leveraging applied AI resulting in eminence and influenced revenue of over \$ 24 MM+ (Dataverse, GSoC platform, CFO Signals Tool, LCSP Indexation Tool, US Enforcement Actions, US Patents Database, Smart Regulations, Shift Index Analytics Platform, US Corporate Diversity Database, Innovative Learning Centric Institutions Tool)
- Forged internal alliances across Deloitte organizations (Vision AI, Tech Products, Strategy CoE, XA etc) to brainstorm on new products, offerings and research; put together external alliances with reputed academic institutions (ISB, IIM etc)
- Built a learning first environment by conceptualizing Data Science Café & Anweshan platform to facilitate on the job learning on the latest Data Science tools, techniques and technology

Dec'06-Aug'13 | DenuoSource, Hyderabad, India | Client Servicing Director - Data Science

- Built the technical team of 100+ from the grounds up serving Fortune 500 and oversaw the explosive growth over the years
- Developed Data Science roadmap and designed processes to institutionalize Analytics and Data Science for multiple clients
- Worked as Client Account Lead on multiple long-term Data Science engagements; designed and architected multiple data science assets and tools and deployed it into client's production systems
- Delivered multiple Data Science engagements including machine learning, segmentation algorithms, attribution modelling and optimization, econometric modelling, Decision Tree, CART and other classification & prediction algorithms for multiple clients

Jul'04-Dec'06 | Institute of People Enterprise, Hyderabad, India | Asst. Professor

- Established consulting division, facilitated institutional tie-up resulting in multiple consulting assignments
- Assessed the impact of social safety net program run by the state government of West Bengal on retrenched public sector employees a DFID, UK funded study
- Contributed as statistics and research methods expert for PhD and M Phil fellows of Indian Council of Social Science Research to assess and guided them on their statistical modeling, analyses, sampling design and research methodology
- Taught Business Statistics, Market Research & Operations Research to MBA and Executive MBA students

Apr'99-Jul'04 | Various Data Aligned Roles, Hyderabad, India