



## MURARI JHA

LinkedIn profile: <https://www.linkedin.com/in/murari-jha-07902115b/>

**Co-founder and Director -LexTechMind**

**Data Science | Technology Law | Data Privacy and Cybersecurity | Generative AI  
Drafting | Blockchain | Business Intelligence | Regulatory Compliance | IPR**

+91-8088563167

murarijha.rec@gmail.com

### Key Skills

Data Science/ NLP/ Deep learning

Data Privacy and Data Security

Data strategy and pipelines, Azure

Legal Drafting, Direct and indirect tax, IBC, Corporate Law

Compliance and Regulatory Knowledge

Communication and Negotiation

Cybercrime and Digital Forensic Investigation

Data management practice Building

Data Analytics, Big data, Data pipelines

Designed & Developed Business intelligence Reports in Tableau

Cloud, AZURE and AWS

Production deployment and Readiness

Intellectual Property and Trade Secret Protection

### Profile Summary:

With over 20 years of experience harmonizing IT and Law, my career has embraced a multitude of roles, spanning from Technology Lawyer and AI Architect to Data Scientist, Program Manager, Business Analyst, Scrum Master, Compliance, and Forensic Investigator. My journey through Legal, Finance, Retail, IT, Banking, and Insurance industries has deepened my understanding of sector-specific intricacies. My forte lies in technology contract negotiation, specializing in areas such as financial technology, cloud computing, SaaS agreements, market data, data privacy, and technology outsourcing. I adeptly navigate intricate legal matters, ensuring the successful execution of technology agreements while providing invaluable leadership.

### Key Achievements:

- Led the successful implementation of data science initiatives, driving actionable insights and informed decision-making across the organization.
- Received recognition for achieving substantial margin improvements, cost savings, and effective risk management through data-driven strategies and program management expertise.
- In my role as a Data Scientist at a Financial and Investment company, I designed a Document Extraction Tool (DET) specifically tailored for attorneys. The implementation of this tool resulted in a remarkable 90% reduction in the time attorneys needed to analyze trust PDFs and will documents. Prior to the introduction of DET, this task relied on a manual and time-consuming process.
- Implemented advanced analytics and machine learning models, resulting in significant cost savings, revenue growth, and process optimization.
- CIPP certified professional with strong knowledge of data privacy.

### Skill and Expertise:

- A driver of Digital Transformation, leading the development of digital technologies for Cloud, and Artificial Intelligence/Machine Learning
- Proficient in advising on data privacy laws and GDPR compliance, aiding clients in protecting personal data and avoiding legal complications. Guided an e-commerce company through GDPR compliance, preserving customer trust and avoiding fines.
- Skilled in data analysis, applying statistical and data mining techniques, trend analysis, and predictive analytics to solve complex business challenges.
- Excellent track record of adapting to evolving technologies and effectively communicating data findings to technology leaders and business managers.
- Proficient in end-to-end design of Business Intelligence (BI) solutions to meet reporting needs.
- Experienced in ensuring technology projects and products comply with industry-specific regulations and standards. Ensured a fintech company's mobile banking app met financial regulations, enabling market expansion.
- Actively contributes to practice development in AI, data privacy, data science, digital forensic investigation, and financial crime. Drives innovation, continuous improvement.

Sr No	Organization	Role	Year
1	LexTechMind Pvt Ltd	Director	June 2023 to till date
2	Northern Truist	Second Vice President (AI)	April 2022 May 2023
3	Infosys Ltd	Project Manager	July 2006- Aug 2019
4	Satyam Computer service Ltd	Sr software Eng.	April 2005- Jun 2006
5	GIBBS Infotech Ltd	Sr Software Eng.	Oct-2004—Apr 2005
6	IT Quest Consultancy	Software Eng.	Jan- 2003-Oct- 2004

### 1. Jun 23 to till date: LexTechMind Pvt Ltd. Locations: Bangalore, Role: - Director

Responsibilities:

- My primary responsibility is to actively contribute to the development and refinement of our company's strategic vision, with a keen focus on aligning it with our mission, values, and long-term goals.
- I am dedicated to conducting in-depth market research in the field of AI and generative AI applications within the legal industry. This involves the thorough examination of industry trends, identifying opportunities, and assessing potential threats to inform our strategic positioning and differentiation strategies.
- Drafted the Statement of Work (SOW) document and data privacy documents.
- I bring valuable experience in the area of individual income tax filings, contributing to our diverse skill set and expertise.

### 2. April 20 to April 23: Northern Trust. Locations: Pune, India,)

**Role: Second Vice President: BI and Analytics**

Project: Document Extract Tools:

Project description: Our project has achieved the successful development and deployment of a cutting-edge document extraction machine learning model in a robust production environment. This advanced model excels in recommending the top five most appropriate sets of answers for predefined questions commonly found within Trust and Will documents, typically distributed in PDF format. To accomplish this, our solution leverages the capabilities of a text extraction API, enabling content extraction from PDF files and the training of a text model to generate responses for these predetermined questions.

The system is purposefully designed with automation at its core, offering real-time training capabilities that provide invaluable support to attorneys and legal professionals as they navigate the intricacies of Trust and Will data analysis. Furthermore, our system integrates an AI model that not only suggests the five best answers to questions but also empowers attorneys and legal practitioners to conduct thorough reviews of these recommendations and select the most suitable response from the options provided. This innovative system streamlines and enhances the Trust and Will document analysis process, leading to a significant improvement in efficiency and precision within the realm of legal practices.

Technology: Machine learning, NLP. Python, SQL server.

Responsibilities:

- Involved in the architecture design of the DET (Document Extraction Tool) application.
- Collaborate with senior management to facilitate the growth and mentorship of software development, data scientists, and full-stack engineers.
- Lead the data preparation process and conduct feature engineering to optimize data analysis.
- Oversee project planning, estimation, execution, stakeholder management, and risk mitigation.
- Collaborated closely with compliance teams, including those focused on data security and data governance.
- Develop data modeling techniques, automate training datasets, and evaluate model performance.
- Deploy and monitor performance tuning strategies in the production environment.
- Collaborate with cross-functional teams to understand their business needs and complete end-to-end analysis, including data gathering, analysis, ongoing deliverables, and presentations.

**Deep learning projects: Anchor chatbot -AI**

- Developed Anchor chatbot application for wealth management. This application provides real-time answer to the various questions a user asks. This question needs to be well framed and based on valid intent. Bot supports various cognition services like fuzzy service. USE RNN and CNN for classification and sub-classification of assets classes
- Retain the model in a production environment. Optimize model performance. Production deployment.

### 3. Jul 2006- Aug 2019: Infosys Ltd., Project Manager - Analytics Lead

**Locations:** Bangalore, India, USA (Bellevue, Farmington's Hill, Sunnyvale, Bentonville)

#### **Role: BPM consultant**

Project Name: Apple Legal Portal System

Our team successfully designed and implemented the Apple Legal Portal System, a dedicated platform for Apple Inc. This sophisticated portal plays a crucial role in maintaining a comprehensive record of historical data and communication details pertaining to legal actions taken against unauthorized sales of Apple products by various vendors' websites.

The system's key functionalities include the automated scraping of data from various authoritative sources, facilitating the in-depth analysis of vendors engaged in the unauthorized sale of Apple products. This invaluable tool serves as an internal resource for Apple's legal team, providing critical insights based on jurisdiction-specific information, thereby enhancing their ability to make informed decisions and effectively address legal matters.

Role: Data Scientist - Analytics Lead- GSTN project

Responsibilities:

- 🕒 Lead the Analytics track of the GST (Goods and Service Tax) Project and successfully implemented Fraud Analytics.
- 🕒 Developed data pipelines and deployment strategies for the GST project to enable analytics and BI reporting.
- 🕒 Implemented Circular Trading using the Breadth First Traversal algorithm and Apache Spark GraphX.
- 🕒 Performed Time Series Analysis and Modeling (ARMA, ARIMA) and conduct Dickey-Fuller tests.
- 🕒 Utilize web scraping and customer segmentation techniques for text analytics in the Apple legal project.
- 🕒 Design, develop, and execute analytical algorithms, techniques, and statistical methods to solve business problems and develop analytics solutions.
- 🕒 Build systems to transform raw data from different data sources into actionable business insights.
- 🕒 Create technical architecture documents and design data models to support analytics initiatives.
- 🕒 Conduct statistical analysis and forecasting for tax data to identify average-risk taxpayers.
- 🕒 Select features, build, and optimize classifiers using various machine learning techniques.

#### ~ As BPM Analyst:

- 🕒 Provided inputs for overall implementation plan, lead deployment of applications and post-production support activities
- 🕒 Reviewed production issue, analysis and fixes, interface with customer to clarify issues and ensure timely closure
- 🕒 Steered design process model, interface for SCP(Simplify Contribution Platform)
- 🕒 Implemented bulk upload and role-based security model feature in Appian
- 🕒 Participated in client discussions to gather scope information and perform analysis of scope information to provide inputs for project scoping documents.

~ As Software lead or Developer: In my role as a Software Developer, I have undertaken a wide array of projects encompassing .NET, Java, and various other technologies for diverse clients. During this time, I have assumed multiple responsibilities, including team leadership and data analysis, while delivering successful outcomes for our clients.

### 4. April 2005- June 2006: I served as a Senior Software Engineer at Satyam Computer Services Ltd, where my responsibilities included.

- 🕒 Developing a portfolio management system for CheckFree services.
- 🕒 I was module strategic portfolio module.
- 🕒 Performing as a Dot developer, contributing to software development and enhancement efforts.

### 5. Oct-2004—Apr 2005: I held the position of Senior Software Engineer at GIBBS Infotech Ltd, where my key responsibilities encompassed:

- 🕒 Developed Insurance project.
- 🕒 Fulfilling the roles of both a Dot developer and a SQL developer, actively contributing to software development and database management

### 6. Jan- 2003-Oct- 2004: I served as a Software Engineer at ITQuest Consultancy, where my responsibilities included

- 🕒 Developed job recruitment website for Landmark.
- 🕒 Performed as Dot developer.

## Education

- LLB from **IFIM Law School Bangalore** -2023
- Advance Program in Data Science (APDS) from **IIM, Calcutta**, 2019
- Advance Diploma in Financial Management (ADFM) from **ICFAI University, Hyderabad**, 2008
- Master in computer application (MCA) from **National Institute of Technology, Rourkela**, 2001

## Awards & Recognitions:

- ONSPOT award for develop API to Microsoft communicator.
- Infosys PRIMA award for best technology project
- Best manage project award for Apple AOS application
- Rank first in GD in NIT Rourkela

## Certifications & Trainings

- Cyber law and fintech regulatory technology contract, Law Law-Sikho
- Digital forensic Investigation
- PMP training
- CIPP Certified professional
- Membership - International Association of Privacy Professionals (CIPP)
- Blockchain Technology
- Contract Drafting and negotiation

## Technical Skills

### Packages

Scikit-Learn, NumPy, SciPy Plot.ly, Pandas, NLTK, Matplotlib, StastModels .@risk, Arena Keras, TensorFlow, OpenCV, CUDA, Pytorch, Correlation, Chi-Square, t-test, Hypothesis testing, ANOVA, nonparametric test (Wilcoxon Rank Sum Test, Wilcoxon Sign-Rank Test)

### Statistics

### ML/Deep Learning/ Generative AI

Linear/Logistic Regression, GLM, Association Rule Mining, Cluster Analysis, Decision Trees, PCA, Time Series Analysis, hyperparameter tuning, regularization and optimization. CNN, RNN, LSTM, FLASK  
GPT-3, API Integration

### Data Privacy and Compliance

OneTrust, OpenGDPR

### Digital forensic tool Programing Cloud

Autopsy, Volatility  
Python, R, Java, C#  
Google, Azure and AWS

## Personal Details

**Date of Birth:** 15<sup>th</sup> February 1975

**Languages Known:** English & Hindi

**Address:** 210 Kristal Halite Bellandur Main Road – Bengaluru

**Passport No.:**H0935659