

Jatin Lamba

Summary

Data Science leader with 8 years of experience driving AI and analytics initiatives in the healthcare industry, delivering transformative solutions in machine learning, NLP, and computer vision. Proven track record of leading cross-functional projects that digitized complex processes, built scalable ML platforms, and generated multimillion-dollar business impact, complemented by three filed patents in advanced ML techniques.

Educational Qualification

Qualification	Institute	CGPA/ %	Year
MBA (pursuing)	Indian Institute of Management, Ahmedabad		2024-2026
PGP – Business Analytics	Praxis Business School, Bengaluru	7	2022
XII, CBSE	Welham Boys' School, Dehradun	91%	2018
X, CBSE	St. Johns Sr. Sec. School, Gola Gokarannath	9.4	2016

Work Experience

(90 Months)

Optum, United Health Group, Gurgaon

(57 Months)

Sr. Data Scientist

May '21-Present

- Spearheaded enterprise-scale AI initiatives, architecting end-to-end ML solutions for document digitization, semantic search, and KPI extraction, reducing processing lead times by 95% and unlocking \$25M in business value.
- Directed cross-functional teams to design and deploy advanced NLP and computer vision models, transforming complex healthcare workflows into automated, scalable systems.
- Innovated and operationalized real-time platforms for claims and formulary comparison, achieving 98.7% accuracy and saving \$15M annually through automation and labour cost reduction.
- Drove IP creation and thought leadership, filing three patents in cutting-edge ML techniques, reinforcing organizational capabilities in AI-driven document intelligence.

Hinduja Global Solution (later Altruist Technologies), Bengaluru

(20 Months)

Associate Manager - Business Analytics

September '19-April '21

- Implemented advanced BI and analytics solutions to uncover growth opportunities and optimize business performance.
- Designed customer risk scoring models and proposed outbound strategies, improving retention and engagement.
- Introduced KPI-driven frameworks to enhance associate productivity and streamline operational efficiency.

Koireader Technologies, Bengaluru

(13 Months)

Machine Learning Engineer

October '18-September '19

- Developed AI-powered logistics solutions leveraging NLP and computer vision to extract structured data from diverse PDF formats.
- Designed and deployed ML models to transform unstructured freight documents into actionable KPIs, improving operational visibility and decision-making.
- Delivered high-accuracy document parsing systems, enabling seamless integration of extracted insights into client workflows for enhanced efficiency.

Additional Certifications

Patents

- LayoutSense : US18062099 : <https://patents.google.com/patent/US20240185630A1/en>
- Machine Learning Techniques For Generating Semantic Table Representations Using A Token-wise Entity Type Classification Mechanism : US17821269 : <https://patents.google.com/patent/US20240062003A1/en>
- Systems and Methods for Extracting Key Performance Indicators from Textual Data : US18343816 : <https://patents.google.com/patent/US20250005944A1/en>
- Senior Inventor Award for the work at United Health Group

Additional Certifications

AI Dojo, UHG	Completed training for work with new age AI Agents and applications	Dec 2025
DeepLearning	Generative AI with Large Language Models – DeepLearning.AI	Jul 2025

Interests / Extra-Curriculars

Social Impact	• Consistent Volunteering with Jyoti Foundation NGO, contributing to education and community development initiatives while also providing relief in difficult times.
Sports Leadership	• Active participant in TT, Basketball and Cricket, fostering teamwork, discipline, and strategic thinking.