

JATIN LILANI

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Data Science & Analytics enthusiast with hands-on experience in machine learning, predictive analytics, and end-to-end data pipelines.

EDUCATION

Vivekanand Education Society's Institute of Technology, Mumbai B.Tech – Information Technology CGPA: 8.5	<i>Expected May 2027</i>
AISSMS Polytechnic, Pune Diploma – Information Technology 80%	2024
The Bishop's Co-Ed School ICSE – Class X 83%	2021

TECHNICAL SKILLS

Languages: Python, Java, C++

Frameworks & Libraries: React.js, Node.js, Flask, Pandas, NumPy, Scikit-learn, TensorFlow, OpenCV

Tools & Platforms: Git, GitHub, VS Code, Jupyter Notebook, MySQL, MongoDB, Figma, Linux, Postman, Power BI

Other Skills: Machine Learning, Deep Learning, Data Analysis, UI/UX Design Principles

EXPERIENCE

Sagitec Solutions – Data Analytics Intern	<i>June 2026 – August 2026</i>
<ul style="list-style-type: none">Built an end-to-end predictive analytics pipeline on large-scale support ticket data to forecast bug resolution timelines and surface defect trends across engineering teams.Engineered features from ticket metadata, team performance indicators, and historical resolution patterns to train and evaluate machine learning models.Conducted data cleaning, transformation, and exploratory analysis on pension domain datasets, delivering actionable insights to support business decision-making.	

PROJECTS

RentLens – Mumbai Rental Mispricing & Transit-Arbitrage Engine	2026
<i>Python, LightGBM, scikit-learn, SHAP, statsmodels, Folium</i>	
<ul style="list-style-type: none">Geospatial engine modeling fair rent for Mumbai flats (hedonic OLS R^2 0.80 + LightGBM with quantile prediction intervals, spatial cross-validation); flagged mispriced localities and 235 transit-arbitrage listings near under-construction metro stations. Data as of June 2026 (573 listings).	
Live demo: jatinli.github.io/mumbai-rent-mispricing GitHub: github.com/jatinli/mumbai-rent-mispricing	
Real-Time Deepfake Detection & Forensic Pipeline	2026
<i>Python, OpenCV, TensorFlow, Deep Learning, Signal Processing</i>	
<ul style="list-style-type: none">Designed and built a multi-modal deepfake detection system that analyzes high-frequency noise patterns and biological inconsistencies to classify synthetic media.Deployed a real-time inference pipeline capable of classifying live video streams using CNN-based models with low-latency processing.	
GitHub: github.com/jatinli/Real-Time-Deepfake-Detection-Forensic-Pipeline	

CERTIFICATIONS

IBM Data Science Professional Certificate	2025
IBM / Coursera – Python, SQL, ML, Data Visualization, AI Fundamentals (12-course series)	

EXTRA-CURRICULARS & ACTIVITIES

Junior PR Coordinator – ISA-VESIT	2024 – 2025
<i>International Society of Automation, VESIT Student Chapter</i>	
<ul style="list-style-type: none">Coordinated PR for technical events and workshops; managed outreach and social media communication.	