

Krushna Keshab Jena

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Objective:

Aspiring **ML Engineer and Backend Developer** with a strong foundation in machine learning, data processing, and Java-based backend development. Experienced in building data-driven models and contributing to real-world projects through internships and technical teams. Seeking an opportunity to apply analytical thinking and backend expertise to develop scalable, impactful solutions in a collaborative engineering environment.

Skills:

Technical Skills:

- **Programming:** Java, Python, C
- **Backend Development:** Spring Framework, RESTful APIs, OOP, MVC Architecture
- **Machine Learning:** Long Short Term Memory, Regression, Classification, Model Evaluation, Feature Engineering
- **Data Analysis:** Data Preprocessing, EDA, Time-series Analysis
- **Databases and Tools:** MySQL, Git, Jupyter Notebook

Professional Skills:

- Team Collaboration & Cross-Functional Communication, Client & Stakeholder Interaction
- Problem Solving & Analytical Thinking

Experience:

Pantech Solutions, Somajiguda, Hyderabad

ML Engineer Intern, May 15, 2024 - June 30, 2024

- Built a **Sales Prediction model** using supervised machine learning techniques to forecast customer demand.
- Performed **data preprocessing, feature selection, and model evaluation** to improve prediction reliability.
- Executed **end-to-end ML workflows** including data preprocessing, training, and validation
- Supported business-oriented decision making through structured data analysis.

LumenXo Software PVT. Ltd., Kuruda, Baleswar, Odisha

Data Scientist, May 2025 - June 2025

- Worked on real-world datasets to extract actionable insights using **Python and ML libraries**.
- Applied **data cleaning, exploratory data analysis (EDA), and model training** techniques.
- Used **Python, pandas and ML libraries** to prepare datasets and support model development workflows.
- Assisted in improving data quality and reliability for downstream model development.

Collaborative Project Experience:

Cross-Team Project Contributor | Academic & Peer Projects

2023-Present

- Contributed to backend development and data handling across multiple academic and peer-led projects.
- Coordinated with team members to **define tasks, resolve technical blockers, and align deliverables** with project goals.
- Assisted in debugging, testing, and improving application stability before final submissions.

Education:

GIET University, Gunupur, Rayagada, Odisha |2023-Present

Bachelor of Tech (CSE)

8.3/10

Projects:

Stock Market prediction

Developed a stock price prediction model using Long Short-Term Memory (LSTM) neural networks with Keras/TensorFlow. Collected and preprocessed historical stock data via Yahoo Finance API (yfinance).

Implemented training and validation pipelines to analyze stock price trends.

KYNECTRA-Learning Management System

Built an **advanced Learning Management System (LMS)** using **Spring Framework** for backend development. Designed and implemented **RESTful APIs** for user management, course handling and authentication. Applied **object-oriented programming** and layered architecture for scalability and maintainability.