

Kunal Jindal

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Education

- **Dr. B.R. Ambedkar National Institute of Technology Jalandhar(NITJ)**

B.Tech, Information Technology – 2022–2026 | CGPA: 7.47

- **Innocent Hearts Jalandhar**

CBSE | Class 12th – 2021 | Percentage: 94%

- **St.Manu's Convent School**

CBSE | Class 10th – 2019 | Percentage: 88%

Skills

- **Technical Skills:** Python, C/C++, JavaScript, Java, Reactjs, SQL, MERN, Pandas, Numpy, Tensorflow, ScikitLearn, Matplotlib, Open CV
- **Soft Skills:** Communication, Time Management, Reliability, Decision Making, Adaptability, Fast Learning, Problem Solving
- **Field of Interest:** Machine Learning, Web Dev, Deep Learning, Computer Vision, Data Structure Algorithm

Projects

Sentiment Analysis and Summary Generation (2024-25)

A web-based application that extracts YouTube comments, predicts sentiments using an SVM model, and generates a summary using the Facebook BART-large-CNN model along with topic generation using latent Dirichlet Allocation model.

- Led a team of 3 in developing a full-stack YouTube comment sentiment analysis and summarization tool.
- Developed the backend using Flask and implemented SVM for sentiment classification, achieving over 80% accuracy.
- Integrated Facebook BART model with LDA to generate abstractive summaries and extract context-based topics from YouTube comments.

Computer Vision (2025)

Gained hands-on experience in OpenCV and real-time image processing.

Mini-projects: Text recognition, image classification, empty/occupied parking detection, Face Detection and Blurring security system.

News Website (2023)

Users can view daily news and filter it based on their interests.

- Tools & technologies used: React js, MongoDB, Express, Node js, HTML, Bootstrap
- This project uses API calls to load news and users can filter news based on their interest.

Food Delivery App (React, Vite, Node.js, Express, MongoDB, Tailwind CSS)

Built a responsive food delivery platform with user authentication, restaurant browsing, cart & checkout, and order tracking. Developed REST APIs for menu and order management, and implemented an admin dashboard for restaurants.

Experience

Intern – Python with Machine Learning

Pie Infotech | Jun 2025 – July 2025

Project: Bio-signal analysis for smoking behavior detection using time-series analysis and signal classification techniques.

Gained practical experience with Pandas, Scikit Learn, and signal processing libraries for cleaning and analyzing real-world physiological data.

Certificates

1. Machine Learning-Coursera

2. Structuring Machine Learning Projects

3. Improving Deep Neural Networks