

# Sourav Choubey

Ludhiana, Punjab

Bachelor of Engineering

Thapar Institute of Engineering and Technology, Patiala

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🔗 GitHub Profile

## EDUCATION

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- **Thapar Institute of Engineering and Technology** 2020-24  
*Bachelor of Engineering in Computer Science and Engineering* CGPA: 8.27
- **Green Land Convent School** 2018-20  
*Central Board of Secondary Education (C.B.S.E)* Percentage: 93
- **Green Land Convent School** 2018  
*Central Board of Secondary Education (C.B.S.E)* Percentage: 90.4

## PERSONAL PROJECTS

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### • Netflix Clone | (link)

*This project is a streaming platform inspired by Netflix, developed using Django.*

- User Authentication: Users can sign up and log in to the platform.
- Age-Appropriate Content: Users can only access movies suitable for their age.
- Admin Panel: Admins can manage movies, set age restrictions, and oversee the platform's content.
- Technology Used: HTML, CSS, Bootstrap, Django

### • Sales Prediction using Machine Learning | (link)

*Machine Learning-driven Sales Prediction for Big Mart Dataset.*

- Perform thorough preprocessing on the Big Mart dataset, ensuring data quality and relevance for optimal XGBoost model performance.
- Technology Used: Python

### • Global Store Dashboard | (link)

*This project showcases an interactive dashboard using flexdashboard, knitr, DT, ggplot2, dplyr, plotly, and openintro. .*

- Interactive UI: Users can explore various supermarket-related insights.
- Data Analysis: Enables users to gain insights into the supermarket data through visualization and analysis.
- Technology Used: R, R packages: flexdashboard, knitr, DT, ggplot2, dplyr, plotly, openintro

### • Customer Churn | (link)

*This project aims to predict customer churn using machine learning techniques.*

- Here's a list of the models we evaluated: Random Forest, Logistic Regression, Naive Bayes (Gaussian), Decision Tree, XGBoost Classifier for Customer Churn
- Technology Used: Python.

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** C/C++, Python, HTML+CSS, R, Java.

**Libraries :** Java STL, Python Libraries.

**Web Dev Tools:** VScode, Git, Github, Terminal.

**Frameworks:** Django, Bootstrap.

**Cloud/Databases:** Relational Database (MySQL).

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, Computer Vision, Data Science, Machine Learning, Natural Language Process, Computer Vision, IoT.

**Soft Skills:** Problem Solving, Self-learning, Adaptability

**Interest:** Football, Gaming, Cooking

## CODING PROFILES

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- Leetcode
- Coding Ninjas
- GeeksForGeeks

## ACHIEVEMENTS

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- Was among top 5 achievers in C.B.S.E Science Exhibition.
- Captain of School Football Team.
- 5 time winner in Sahodaya Science Quiz Competition.