# Roshita Ailawadi

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## Education

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|---|---|
| **B.Tech. CSE, University of Petroleum and Energy Studies** | August 2022–May 2026 |
| CGPA: 8.0/10 (till 6th sem) | |
| **N.K. Bagrodia Public School—CBSE Higher Secondary Certificate** | April 2021–March 2022 |
| Percentage: 87.30/100.0 | |
| **N.K. Bagrodia Public School—CBSE Secondary School Certificate** | April 2019–March 2020 |
| Percentage: 90.10/100.0 | |

## Technical Skills

**Programming languages**: Python, Java, SQL, R, JavaScript, C.
**Web technologies:** HTML, CSS, PHP, Bootstrap, WordPress, NodeJS, ReactJS, Streamlit.
**Development:** Machine Learning, Kaggle, Postman
**Tools/Frameworks:** Pandas, NumPy, MySQL,Django XAMPP, Hadoop (basic), Tableau, Talend, Power BI, Optuna, Photoshop, LaTeX
**Miscellaneous:** Linux, MySQL, DBMS, MongoDB, social media marketing, digital marketing, brand management, Google Colab, Google Workspace, Canva, e-commerce, Excel.
**Soft skills:** Communication, Leadership, Problem-Solving, and Teamwork.

## Projects

**Fraudulent Vehicle Claim Prediction**
GitHub
Built with Streamlit and machine learning(using Random Forest). Developed a fraud prediction model for insurance claims and connected it to a dynamic frontend for user input.

**Bird Vocal Frequency Recognition System**
GitHub
An application built using technologies like HTML, CSS, and JavaScript typically functions by recognizing the vocal frequency of the Jacobin cuckoo by generating spectrograms.

**QWERTY Compiler**
GitHub
A Java-based QWERTY compiler supporting 50+ basic functions with error handling and execution capabilities.

**Matrix PU Systems**
Website design for a polyurethane company, Matrix PU Systems.

**Customer Review Sentiment Analyzer (BERT-powered Web App)**
Github
Designed and deployed a full-stack **Streamlit web application** that analyzes Myntra customer reviews using **BERT-based natural language processing (NLP)** for sentiment classification (Negative/Neutral/Positive).

Currently working on:
**Budget Basket—an e-commerce platform**
GitHub
Developing an e-commerce price comparison and prediction platform enabling real-time grocery price analysis and consumer insights.

**SimpliTrip—AI-Powered Travel Itinerary and Budget Planner**
This project proposes an AI-driven travel and budget recommendation system that generates optimized itineraries, delivers personalized suggestions, and manages budgets effectively

## Work Experience/Internships

- **Social Internship—Kayantar Foundation, Haryana**

(01 June 2023-31 July 2023)
Role—Social Media management, Group Lead Managed the company's social media handles, creating posts and blogs.

- **Internship—IBM**

(01 June 2025-31 July 2025)
Made a project, "Fraudulent Claim Prediction," using machine learning algorithms and data analytics tools.

- **Freelancing—Matrix PU Systems** Website design and data management.

## Certifications

- Google Data Analytics Certificate

- Python for Data Science—Coursera

- Digital Brand Management—Udemy

- Social Media marketing

- R—Brain Mentors Pvt. Ltd.

- Java—Udemy

- Changemaker—Career Service Department, UPES

- Group Lead- Social Internship—Kayantar Foundation

## Achievements/Positions

- Changemaker—UPES

- Group Lead—Social Internship