

# Roshita Ailawadi

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Github: <https://github.com/roshita05>

LinkedIn: <https://www.linkedin.com/in/roshita-ailawadi-788100255/>

Website: <https://roshita05.github.io/Roshita-Ailawadi-Portfolio/>

## Technical Skills

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**Programming languages:** Python, Java, SQL, R, JavaScript, C.

**Web and App Development:** HTML, CSS, PHP, Bootstrap, WordPress, NodeJS, ReactJS, Streamlit, Django

**Data Science and Tools:** Machine Learning, Kaggle, Optuna, Pandas, NumPy, Hadoop(basics), Talend, Tableau, Power BI

**Design and Business:** Social media marketing, Digital marketing, brand management, Canva, e-commerce, Photoshop.

**Operating Systems:** Linux, Windows

**Soft skills:** Communication, Leadership, Problem-Solving, and Teamwork.

## 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

## Projects

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### Portfolio- Roshita Ailawadi——- View Profile

GitHub

Personal portfolio website designed using HTML, CSS, and JavaScript. showcasing my skills, projects, and contact information in an interactive and visually appealing way.

### 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

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**

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- **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**

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- 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**

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- Changemaker—UPES
- Group Lead—Social Internship