

SHREYA PATIL

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LinkedIn • GitHub • Medium

Executive Summary

BCA graduate with strong skills in Python, SQL, Power BI, Excel, and Machine Learning. Hands-on experience with dashboards, data transformation, Python scripting, and full-stack development. Passionate about analytics, problem-solving, and building meaningful projects.

Education

Sri Sathya Sai Institute For Women's College, Dharwad 2021–2024
Bachelor of Computer Applications • GPA: 7.95/10

Aryabhata PU Science College, Dharwad 2019–2021
PCMB • Percentage: 71.3%

Internship Experience

TECHWIZ.MEDIA — Front-End Developer Intern Jun–Jul 2024

- Contributed to Python-based web application development.
- Assisted with UI, debugging, testing.
- Collaborated with developers to refine UI components and improve performance.

Projects

Car Price Prediction

- Developed a Car Price Prediction Model using Python Pandas and scikit-learn, applying Linear Regression to estimate vehicle prices based on key features.
- Built an end-to-end machine learning pipeline for data cleaning, feature engineering and model training, achieving 88% accuracy on training data 73% on testing data.

Timetable Generator

- Developed Django-based automatic timetable generator using SQLite3.
- Built logic for efficient class, room, and faculty scheduling.
- Reduced manual timetable conflicts significantly.

Crime Detective Analysis

- Created an interactive Power BI dashboard to visualize crime trends and patterns.
- Applied Power Query for data cleaning and DAX for KPIs.
- Built heatmaps, bar charts, and region-based crime insights.

Loan Risk Prediction

- Developed a Logistic Regression ML model classifying loan approval risk.
- Built full ML pipeline including cleaning, feature engineering, and evaluation.

Certifications

Imarticus Learning — PG Program in Data Analytics & ML 2024–2025

Technical Skills

Languages: Python, Java, SQL, HTML, CSS, JavaScript

Frameworks: Django, NumPy, Pandas, Scikit-learn.

Tools & Databases: Power BI, MySQL, VS Code