Poorvi Prajapati

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Second Year Undergraduate **|** Bachelors in Computer Applications

EDUCATIONAL QUALIFICATIONS

Year	Degree/Certificate	Institute	Performance
2022-present	B.C.A.	Christ Deemed to be University, Delhi NCR	3.66/4.00
2020-2022	AISSCE, XII (CBSE)	Sir Padampat Singhania School, Kota	93.20%
2018-2020	AISSCE, X (CBSE)	Sir Padampat Singhania School, Kota	87.33%

KEY PROJECTS

URL Shortening Web Application | *Web Development* *Dec'23 - Jan'24*

Objective	• Created a web application used to **shorten** big urls and provide them with a shorter and concise alias which is convenient for **sharing**.
Approach	• Developed this application using **Django**, **HTML**, **CSS** and **Bootstrap**. Used **SQLite** as the main database to store the shortened mapping for urls. Used **UUID4** for random generation of shortened links. • Also studied various algorithms such as combination of (**SHA-256** and **Base64** encoding) to avoid clash of shortened URLs at a big scale.

Twitter Sentiment Analysis | *Self Project, Machine Learning* *Mar' 24 - Apr' 24*

Objective	• Created a machine learning **classifier** to classify tweets as either **racist** or not, using labeled tweets dataset.
Approach	• Preprocessed the dataset by performing **cleaning**, **tokening** and removing **stopwords**. Also performed exploratory data analysis and visualized the most frequent word using **WordCloud** library. • Trained and tested the model using various classification algorithms such as **Logistic Regression**, **Decision Trees**, **Random Forest**, **SVM** and **K-NN** and got the highest accuracy of **94.73%** using **SVM**.

Netflix Clone Application | *Self Project, Web Development* *Jan'24 - Feb'24*

Objective	• To design and implement a visually appealing and intuitive **Netflix** clone frontend.
Approach	• Utilized **ReactJS** for frontend and integrated **TMDB API** for accessing extensive movie and show databases. • Employed React **hooks** and **components** to generate dynamic and interactive content utilizing **TMDB** data. • Styled using pure **CSS**. Deployed the application on **Netlify** for seamless hosting and continuous delivery.

SKILLS

- **Programming**: C, C++, Python, Java
- **Utilities**: OpenCV, Git, Scikit-Learn, PowerPoint
- **Analytics**: MS-Excel, SQL
- **Web:** Django, HTML, CSS, JavaScript, Bootstrap

RELEVANT COURSES

Data Structures & Algorithm	Machine Learning with Python	Object Oriented Programming using Java
Database Management System	Web Technology	Software Engineering
Operating Systems	Python Programming	Statistics

EXTRA-CURRICULAR

Technical	• Published an open source python package named "**pdf-scrap**" on **PyPi** capable of extracting top relevant and important keywords from a pdf document. Used **TF-IDF** algorithm to fetch relevance amongst words. • Successfully secured a **certificate** in **Machine Learning** from the esteemed **IIT Delhi**, demonstrating proficiency acquired through a rigorous and comprehensive **workshop** conducted by the institution.
Leadership	• Designated as the **Class Representative** for the Bachelor of Computer Applications (**BCA**) Program, entrusted with representing and advocating the interests of a cohort comprising **70 students**. • Directed **logistical** arrangements and facilitated seamless **event management** as the **Coordinator** of **Aparoksha** for a student body of approximately **300 individuals**, ensuring the fest's resounding success. • Volunteered for the **"Mobile Shiksha"** initiative at Christ University in 2023, actively contributing to educating support staff on vital topics such as **fraud prevention** and **phishing awareness**.