



KHUSHI SHAH

PROGRAMMER

PROFILE

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Date Of Birth

03 May 2002

LinkedIn

KhushiShah

Kaggle (3X Expert)

Khushi Shahh

RESEARCH WORK

**Proposed DBMS for OTT
platforms in line with new
age requirements**

August
2021

Indian Journal of Computer
Science

This paper emphasizes on
improving the user experience
for the OTT platform by efficiently
managing data.

**EXPLORING THE
PUBLIC'S PERCEPTION
THROUGH TWITTER AND
REDDIT DURING COVID-
19 PANDEMIC:
SENTIMENTAL ANALYSIS
AND EMOTION'S
EXTRACTION**

October
2021

Under Review at Expert
Systems with Applications
journal

This paper analyzes the
sentiments of tweets and posts
that happened around the span
of the global pandemic in 5
different countries and derives
insights. LSTM model as
developed that can predict
sentiments with 94% accuracy.

**A critical review on
SOC, knee point and
RUL of Li-ion batteries**

December
2021

Under review

This paper is a rigorous review of
work done for the state of charge,
knee point, and remaining useful
life prediction using machine
learning techniques.

LANGUAGES

English

Very Fluent

Gujarati

Native Tongue

Hindi

Very Fluent

OBJECTIVE

To obtain an internship within my chosen field that will challenge me and allow me to use my education, skills and past experiences in a way that is mutually beneficial to both myself and my employer and allow for future growth and advancement.

WORK EXPERIENCE

The Sparks Foundation

Data Science and Business Analytics Intern

(April 2021 - May 2021)

Built and tuned machine learning models using Python, and sci-kit-learn. Created linkages between various data within business intelligence software to enable predictive modeling and trend analysis on a given dataset. Created data visualization graphics, translating complex data sets into comprehensive visual representations.

EDUCATION

Pandit Deendayal Petroleum Univesity

(June 2019 - June 2023)

Bachelors degree Computer Science

9.65 CGPA

SKILLS

Python

Advanced

Data Visualization

Advanced

HTML

Advanced

SQL

Advanced

Deep Learning

Intermediate

C++

Intermediate

Supervised Learning

Advanced

NLP

Advanced

CSS

Advanced

Unsupervised Learning

Intermediate

Javascript

Intermediate

MS Excel

Intermediate

PROJECTS

All-in-one app to explore data easily

<https://github.com/Khushi-Shah-1/Data-Insight-Tool/tree/master>

(October 2021 - January 2022)

I developed and deployed an app where you can explore your data without writing any code. Currently, there are 6 features available. You can upload your dataset and select parameters as per your requirement. 1. Data Profiling, 2. Missing Values, 3. Visualization, 4. Anomaly Detection, 5. Linear Regression, 6. Random Forest Regressor
Check out the app: <https://share.streamlit.io/khushi-shah-1/data-insight-tool/DataInsight.py>

Crime Analysis in India

<https://github.com/Khushi-Shah-1/Crime-Analysis-in-India>

(September 2021 - September 2021)

I used data to tell a story about crimes occurring in India. I extracted data from the Indian gov website, cleaned it, and worked on it to visualize it and derive some useful insights.
Skills demonstrated: Web scraping, Data Wrangling, Data visualization

HR Analytics: Who is more likely to get a promotion?

<https://github.com/Khushi-Shah-1/HR-Analytics>

(May 2021 - May 2021)

ML in human resources departments is revolutionising the way it operates, leading to higher efficiency and better results overall. I have performed predictive analytics to identify the employees most likely to get promoted.

Movie Recommender System

<https://github.com/Khushi-Shah-1/MovieRecommenderSystem>

(August 2021 - August 2021)

Built a movie recommender system that suggests movies on the basis of 1. Most votes received 2. Popularity 3. Content-based filtering 4. Collaborative filtering
Skills demonstrated: Python, ML algorithms, EDA, data visualization