

Zahid Salim Shaikh

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Highly motivated and results-oriented with a Bachelor of Engineering in Information Technology (2022) and experience at LTI. I am a person who is positive about every aspect of life. I am an occasional purveyor of wisdom & a tireless seeker of knowledge. I am passionate about leveraging technology to solve real-world problems and make a positive impact on the web. Hopefully we cross paths in the real world someday.

KEY COMPETENCIES

Python
SQL
Data Analysis
Machine Learning

Power BI
Github
ETL
Airflow

Time Management
Teamwork
Problem-Solving
Analytical Thinking

PROFESSIONAL EXPERIENCE

LTIMindtree

JUN 2022 - Present

Software Engineer

- Designed, developed, tested, and maintained scalable, highly available, and modular software applications within a premium pipeline project for The Travelers Company (TRV).
- Collaborated effectively with cross-functional teams to ensure timely delivery of high-quality software solutions.
- Followed best practices for coding, documentation, and testing to ensure code maintainability and reliability.
- Proactively identified and resolved technical challenges, demonstrating strong problem-solving abilities.

MEDTOUREASY

APR 2021 - Jun 2021

Data Science Intern

- GCP Platform Exploration: Utilized Google Cloud Platform (GCP) through Qwiklabs to gain hands-on experience with its various cloud computing services. This included exploring services like Cloud Storage, BigQuery, etc.
- Predictive Modeling Project: Led a data science project focused on predicting blood donation trends. This involved:
 - Data Collection & Cleaning: Gathered and cleaned relevant blood donation data.
 - Exploratory Data Analysis (EDA): Analyzed the data to identify patterns and relationships.
 - Model Building & Evaluation: Built and evaluated machine learning models to predict future blood donation levels.
- Technical Skill Development: Enhanced skills in data manipulation, statistical analysis, and machine learning techniques relevant to the healthcare domain.

Vorfreude Community

MAR 2020 - MAY 2020

Web Development Intern

- Collaborated in a team environment to develop web applications using agile methodologies.
- Contributed to the development of a web application designed to connect entrepreneurs and investors.
- Utilized front-end and back-end technologies like HTML, CSS, JavaScript, PHP, SQL to build functionalities like user profiles, search features, and communication tools.
- Implemented best practices for responsive design to ensure optimal user experience across different devices.
- Followed coding standards and collaborated on code reviews to ensure code quality and maintainability.

EDUCATION

St. Xavier's Boys' Academy

2010 - 2016

SSC | Percentage - 79.40%

Kishinchand Chellaram College

2016- 2018

HSC | Percentage - 69.69%

MH Saboo Siddik College Of Engineering

2018- 2022

BE-IT | CGPI - 7.74

PROJECTS

Zomato Restaurant Rating Prediction

This project builds a web app that predicts customer ratings for restaurants on Zomato. Here's the process:

- Data Collection & Loading: Load the data into a SQL database.
- Data Cleaning & Preprocessing: Cleaned and prepared the data for analysis.
- Exploratory Data Analysis (EDA): Visualized the data to understand trends and patterns.
- Feature Engineering: Created new features to improve model performance.
- Model Training & Evaluation: Trained and evaluated various machine learning models.
- Model Selection & Deployment: Selected the best performing model and deployed it on a web app.
- Web App Development: Built a user-friendly web app using Flask & frontend technologies.

Technologies Used: Python (pandas, sklearn, Flask, numpy, seaborn), SQL, HTML, CSS, Github

Spotify Music Insights Dashboard with Power BI

This project analyzed music trends on Spotify using web scraping and data visualization. Here's the process:

- Data Scraping: Extracted data using Python library spotipy and kaggle dataset.
- Data Cleaning & Transformation: Cleaned and transformed the data for analysis.
- Gathered key insights like:
 - Top songs, albums, and singers.
 - Most streamed artists and their top songs.
 - Song release trends by year and month.
- Visualization: Developed an interactive dashboard with Power BI to visualize these insights.

Technologies Used: Python (pandas, spotipy), Power BI, PowerPoint (for presentation)

99acres House Price Prediction

This project predicts Mumbai home prices using machine learning.

- Data Scraping (External Tool): Gathered property data from 99acres.com.
- Data Loading & Storage: Loaded the scraped data into an SQL database.
- Data Cleaning & Preprocessing: Cleaned and prepared the data for analysis.
- Feature Engineering: Created features relevant to home pricing.
- Model Training & Evaluation: Trained and evaluated machine learning models.
- Model Selection & Deployment: Selected the best model for price prediction.
- Web App Development: Built a user-friendly Flask app for price predictions.

Technology Stack: Python (pandas, sklearn, Flask, numpy, seaborn), Jupyter Notebook, SQL, HTML, CSS, GitHub

YouTube Video Transcript Summarizer

This Streamlit application demonstrates how to create a YouTube video transcript summarizer using Google AI's Generative Pre-trained Transformer 3 (GPT-3) model (Gemini Pro).

- Users can input a YouTube video URL.
- The application retrieves the transcript of the video using the YouTube Data API.
- The transcript is then sent to the Google Bard API for summarization using the GPT-3 model.
- The application displays the generated summary to the user.
- User can download the summary in pdf format.

Technology Stack: Python (pandas, repostlab), Jupyter Notebook, Streamlit, API(Google Bard, Youtube transcript, generativeai), GitHub

College Project

- Online College Portal

EXTRACURRICULAR

- General Secretary of MHSSCOE 2021-22
 - Technical Head of Entrepreneurship Development Cell 2019-20
 - Participated in Mastek Deep Blue
 - First Place at Inter College ACM Mumbai Hackathon
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