AFFAN ABID

Gmail | GitHub | LinkedIn | Portfolio

SUMMARY

A proactive Data Science student at PUCIT with proficiency in Django, Flask, Python, and web scraping, ready to tackle challenges and develop real world applications. With a strong foundation in Python programming and a keen interest in technology, I approach projects with unwavering determination and thrive in collaborative environments, practicing teamwork, adaptability, and effective communication.

SKILLS AND ABILITIES

Languages and Frameworks: Python, Django, Flask, HTML5, CSS3, JavaScript, C++, SQL

Tools and Methods: Git, GitHub, MATLAB, Microsoft Office, Web Scraping, SQLite, PostgreSQL, Pandas, NumPy, Tkinter, smtplib, Matplotlib

Soft skills: Strong analytical and critical thinking skills, adept at identifying and resolving complex technical challenges

EXPERIENCE

Highlighted Personal Projects

- **To-Do List Application**
  Technical: Developed a web application that allows users to view, add, edit, and delete their daily tasks
  Soft skills: Worked independently and successfully managed time to plan, develop, and implement features according to project deadlines
  Tools: Django, HTML5, CSS3, JavaScript, Git, GitHub, SQLite

- **Blog Web Application**
  Technical: Developed a web application that allows users to post blogs and comment on existing blogs
  Soft skills: Resolved technical challenges to ensure smooth functioning of the blog application
  Tools: Flask, HTML5, CSS3, JavaScript, Git, GitHub, SQLite, PostgreSQL

- **StudyBud chatspace**
  Technical: worked on a web application that is a chatroom space for users to join interactive chat spaces relevant to their interests, interact with the participants of the chatroom and comment on existing posts.
  Soft skills: Ensured the accuracy and completeness of chatrooms and activities through thorough testing and validation
  Tools: Django, HTML5, CSS3, JavaScript, Git, GitHub, SQLite, PostgreSQL

- **LittleLemon Restaurant application**
  Technical: worked on Meta Django course final project - web application allows users to view menu, place orders and reserve seats at the restaurant
  Tools: Django, HTML5, CSS3, JavaScript, Git, GitHub SQLite, PostgreSQL

- **Spotify Music Quiz Application:**
  Technical: web application that allows users to play a music quiz based on songs from their favorite artists on Spotify. Users authenticate with their Spotify accounts, select an artist, and then guess the track names of randomly selected songs by the chosen artist.
  Tools: Flask, Spotipy(python), HTML5, CSS3, JavaScript, Git, GitHub

- **Amazon Price Tracker:**
  Technical: Python-based web scraper and automation tool that monitors and keeps a track of the price of specific product and updates the user through email when the price comes down within the range of user set value/amount.
  Tools: Python, BeautifulSoup, Selenium, smtplib

EDUCATION

Punjab University College of Information and Technology (PUCIT) | Lahore   **2022 - present**

CGPA: 3.63

Key Modules and Subjects: Programming Fundamentals, Object-Oriented Programming, Data Structures and Algorithms, Calculus, Probability and Statistics, Computer Organization and Assembly Language, Discrete Mathematics, Digital Logic Design

Punjab Group of Colleges | Lahore   **2019-2021**

Grade: A+ (1031/110)

Dar-e-Arqam School | Lahore   **2017-2019**

Grade: A+ (1062/1100)