Siddharth Dave | Data Analyst & Data Scientist & iOS Developer

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🌐 siddharth-portfolio-app

TECHNICAL SKILLS

Programming Languages: Swift, Python, SQL, C/C++, HTML, CSS, React

Frameworks & Libraries: UIKit, SwiftUI, React, Bootstrap, Tkinter

Data Analysis & Handling: Data Cleaning, Pandas, NumPy

Data Visualization: Tableau, Power BI, Matplotlib, Seaborn

Tools & Platforms: Xcode, VS Code, Jupyter Notebook, Git, GitHub, Postman, SourceTree, Terminal, Anaconda

Cloud & Backend Services: Firebase, Realm, App Store Connect, Analytics

Database Management: SQL, Realm, Core Data, Firebase, SwiftData

Languages: English (Fluent), Gujarati (Fluent), Hindi (Proficient)

Soft Skills: Teamwork, Adaptability, Problem-Solving, Leadership, Time Management, Creativity, Communication

EDUCATION

Bachelor of Information Technology	**Sep 2022 – May 2025**
LJ University	*Ahmedabad, India*
GPA: 9.00 SPI	
Diploma in Information Technology	**Aug 2019 – Jul 2022**
LJ Polytechnic	*Ahmedabad, India*
GPA: 9.03 CGPA	

PROJECTS

Spotify PlaylistTrack Analysis | SQL   *Personal Project*

Scripted Data Entry: Developed DML scripts for precise data insertion and management of relational records

Schema Architecture: Designed the database from the ground up, ensuring referential integrity and optimized indexing

Rolling Analytics: Calculated complex metrics like rolling averages for streaming numbers

Ranking Logic: Utilized RANK() and $DENSE_RANK()$ to $identify$ $top-performing$ $artists$ $across$ $decades$

Performance Tuning: Refined complex queries for efficiency on high-volume datasets

GitHub: https://github.com/SiddharthDave-Dev/SpotifyPlaylistTrackAnalysis

FIFA World Cup Analysis | SQL   *Personal Project*

Tournament Analytics: Evaluated win/loss ratios and goal averages across different host nations and eras

Player Performance Tracking: Identified top-scoring trends and historical milestones using advanced grouping logic

CSV Lifecycle Management: Handled the end-to-end process of importing, cleaning, and structuring flat-file data into relational tables

Trend Discovery: Used Window Functions to track the progression of participating teams and their relative rankings over time

Complex Filtering: Built queries to isolate high-stakes match data and extra-time performance metrics

GitHub: https://github.com/SiddharthDave-Dev/FIFAWorldCupAnalysis

Airbnb Analysis | SQL   *Personal Project*

Pricing Intelligence: Calculated average nightly rates across different neighborhoods and property types

Review Sentiment Correlation: Linked review frequency and scores to estimate listing popularity and reliability

Geospatial Grouping: Categorized listings by city districts to identify high-revenue 'hotspots'

Host Analytics: Evaluated host success by analyzing multi-listing ownership and response metrics

Data Transformation: Converted raw text-based CSV values into numeric and date formats for chronological analysis

GitHub: https://github.com/SiddharthDave-Dev/AirbnbAnalysis

Spotify Global Music Dataset (2009–2025) | Python, SQL, Data Cleaning   *Personal Project*

Cleaned and processed Spotify's Kaggle dataset using Python, fixing missing values, duplicates, and inconsistent formats.

Imported cleaned data into MySQL and performed analytical SQL queries across tracks, artists, albums, and genre trends.

Built an end-to-end ETL pipeline (Raw → Cleaned → SQL) and created analytics-focused SQL exercises.

GitHub: https://github.com/SiddharthDave-Dev/SpotifyProject

Tableau Projects | <u>Tableau, Data Visualization</u>   *Personal Project*

Created interactive dashboards showcasing data trends, KPIs, and visual analytics using Tableau.

Designed data stories focusing on business insights, user behavior, and comparative analysis.

Published dashboards on Tableau Public for professional sharing and portfolio display.

Tableau Public Profile: https://public.tableau.com/app/profile/siddharth.dave2404/vizzes

MusicNest | <u>Swift, SwiftData, AVFoundation, UIKit</u>   *Personal Project*

Implemented core features including local music playback, playlist creation, favorites, music sharing, and audio downloads.

Enabled audio extraction from YouTube, allowing users to save and play extracted tracks within the app.

Built a custom audio player with support for play/pause, next/previous, forward/backward seeking, and "Play Next" queue functionality.

Designed a custom tab bar interface for a polished, modern user experience.

Integrated SwiftData for offline music storage, playlist management, and state persistence.

Added search functionality for quick access to songs and playlists.

GitHub: https://github.com/SiddharthDave-Dev/MusicNest

PhotoHaven | <u>Swift, iOS Development, UI/UX, Animations</u>   *Personal Project*

Developed PhotoHaven, a fully animated and interactive photo gallery app that enables seamless browsing across multiple image categories.

Implemented features for image downloading, liking photos, and viewing detailed image metadata to enhance user engagement.

Designed dynamic and customizable viewing layouts, including grid, card, and immersive modes, allowing users to personalize how images are displayed.

Added comprehensive UI customization options, enabling users to change the app border color, background theme, and overall appearance.

Optimized the user experience with smooth transitions, motion effects, and fully animated navigation throughout the application.

GitHub: https://github.com/SiddharthDave-Dev/PhotoHaven

EXPERIENCE

DotPixel Ventures   **Aug 2023 – Aug 2025**
iOS Developer   *Ahmedabad, India*

Developed native iOS applications using Swift, emphasizing performance and clean architecture.

Integrated RESTful APIs to ensure seamless backend communication.

Constructed user-friendly interfaces utilizing UIKit and basic SwiftUI.

Executed debugging and testing processes to enhance app performance.

Managed submissions and updates for App Store, including provisioning profiles.

CERTIFICATIONS

Google - Regression Analysis- Simplify Complex Data Relationships
Credential ID: O69YOET4RB98

Google - The Nuts and Bolts of Machine Learning
Credential ID: 9TO2KO34RYTM

IBM - Data Analysis with Python
Credential ID: CFSK7J8OK333

IBM - Data Science Methodology
Credential ID: NG2P7TZ1Y30N

IBM - Data Visualization with Python
Credential ID: RV2IOBA2KS9I

IBM - Databases and SQL for Data Science with Python
Credential ID: BGXK5XBU3SAE

IBM - Python for Data Science, AI Development
Credential ID: AO6QQSBTNJ85

Google - Decisions, Decisions- Dashboards and Reports
Credential ID: FF3CO8ONQHBN

Coursera - Introduction to iOS App Development with Swift 5
Credential ID: QE7DMPPUKWR7

Coursera - Exploratory Data Analysis for Machine Learning
Credential ID: EBRCFRQ6EESU

Coursera - Introduction to iOS Mobile Application Development
Credential ID: CZ6MSV5LVGSW

Courses Audited

IBM Data Science, Coursera

Google Business Intelligence, Coursera

Introduction to iOS App Development with Swift 5, Coursera

Introduction to iOS Mobile Application Development, Coursera

Swift - The Complete iOS App Development Bootcamp, Coursera

Referees

Provided upon request.