# Siddharth Dave | Data Analyst & Data Scientist & iOS Developer

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## 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** |
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| *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 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 | Tableau, Data Visualization**      *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 | Swift, SwiftData, AVFoundation, UIKit**      *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

**ChatterBox | Swift, Firebase, Google Sign-In, UIKit**      *Personal Project*

Implemented Firebase authentication with Email/Password and Google Sign-In, including login, signup, password reset, and profile editing.

Built a customizable chat UI with options to modify backgrounds, colors, borders, and message styles.

Enabled sharing of images, videos, documents, contacts, camera photos, and live location (Google/Apple Maps support).

Added message forwarding, media downloads, and contact actions like direct call and copy number.

Created custom gradient image generation for enhanced chat visuals.

**GitHub:** https://github.com/SiddharthDave-Dev/ChatterBox

**PhotoHaven** | Swift, iOS Development, UI/UX, Animations _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

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

Coursera - Back-End Development with .NET
**Credential ID:** 4W47NY8P5C2M

Coursera - Ethical Hacking Essentials (EHE)
**Credential ID:** HX2I3WP5BYE1

Coursera - Building Generative AI-Powered Applications with Python
**Certificate ID:** E2CQ4RTY6R5L

Coursera - Algorithmic Thinking (Part 1)
**Certificate ID:** Y24BB5UBNJEQ

Coursera - Algorithmic Thinking (Part 2)
**Certificate ID:** 5P6TQVGHX9G9

Udemy - iOS & Swift - The Complete iOS App Development Bootcamp
**Certificate ID:** UC-e3be0d4c-f8ba-4541-bc3a-78bc1c68cba4

Udemy - HTML & CSS - Certification Course for Beginners
**Certificate ID:** UC-da1745a4-1d67-438e-a536-2df9d836efb7

## COURSES AUDITED

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.