

# Smil Raj Thakur

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Education: Adani Institute of Infrastructure Engineering, 6th sem 8.84 CPI(2024)

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## EXPERIENCE

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- **iDO Leading Innovations** Gujarat, India  
*App developer - core team* March 2021 - March 2022
  - **App Development:** Developed an App that could process the orders and special requests like songs, birthday interaction etc from the user, feed it to the robot and dashboard using **Flutter** and **Dart**. This changed the overall interaction of the App and made it more user friendly.
  - **Improved UI/UX of the App:** Improved UI/UX of the App in coordination with the UI team using **Figma** and **Flutter**. Developed a better UX for smooth experience and stability.
  - **App Database:** Implemented non-SQL database for the App using **Firebase** that stores the menu items and also for special items as per the requirements of the client.
  - **Improvements on Website:** Implemented some **JS** tweaks and **CSS** to improve the landing page of startup's website.
  - **Skills Developed:** **Flutter, Dart, Firebase:**
- **UniTap(Startup)** Gujarat, India  
*Head of App development - core team* August 2021 - October 2021
  - **Complete UI/UX implementation of Figma:** Designed the entire UI/UX on Figma. Designed wire-frames and page navigation flow of the app for a basic prototype.
  - **Implementing UI/UX from Figma to Flutter.:** Implemented the complete UI/UX from **Figma** to **Flutter**. Made it responsive for tablet and web-view.
  - **Back-end using JSON:** Decoding **JSON** file and translate it into custom model class to display name and tweet from the extracted data
  - **Implemented Google sign-in and cloud database:** Used **Firebase authentication** to create instances of user using their Gmail and storing their data on **Firebase**
  - **Skills Developed:** **Flutter, Figma, JSON, Dart:**

## PROJECTS

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- **Skyway News App - Flutter, API, JSON, HTTP get, Firebase:** A news app that displays news based of different categories like business, sports, technology, science and more that user selects as their preference. The app is totally ads free if we go with premium version with a simple UI for easy navigation across the app and one tap trending news button using Flutter. News data is fetched from news.org API services and translated into custom model classes using Dart.
- **Flash Chat App - Swift, Firebase, Google Authentication, StoryBoard:** A native chat app for iOS platform for group chat, it uses Firebase - Firestore to store the text messages and have a interactive UI to differentiate between receiver and sender with timestamp, uses Google Authentication to create user account to fetch the chat.
- **DailyHacks - Swift, API-fetch, SwiftUI:** A native SwiftUI app for Apple platform. That fetches recent and trending Hacker news from API and pushes it into the listview, and provides a builtin webview to show full article.
- **True/False Quiz App - Flutter, Firebase, Google Authentication:** A minimal Quiz app that fetch questions from the Firebase database and takes either true or false as feedback, each correct feedback within the time limit increases your score and store it in your google profile instance made using google authentication.
- **Flutter Text Classifier - Flutter, Tensorflow, Python:** App that can classify provided text into a negative or a positive statement. Text is tokenize that is each word is given certain value according to the map, the model interprets the tokenize text and classifies the text. App also has dynamic UI for proper visualization of the text with history of inputs.

## SKILLS SUMMARY

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- **Proficient:** Flutter, Dart, Native iOS development, Firebase, C, C++, Java, UI/UX, Material UI
- **Intermediate:** SwiftUI, Swift, GIT, Python, SQL, CSS, HTML, JavaScript
- **Beginner:** NodeJS, React.JS, GIMP
- **Tools:** Arduino, Jetson nano

## HONORS AND AWARDS

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- **AU-IQM Hackathon 2022:** Won Adani-IQM hackathon (24hrs), Developed News aggregator with user personalization features
- **Hacktoberfest:** Open-source contribution challenge by DigitalOcean. Did 4+ PR on different Github Repositories
- **I-scale Startup Award:** Our team of iDO won the i-scale startup award for the best growing startup.
- **AGEL Tech Fest:** Our team was among top 10 for optimizing solar panel infrastructure using drone and rover idea.