Smil Raj Thakur

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OBJECTIVE

My aim is to secure a position with a dynamic organisation where I can embark on a journey of professional growth and exploration. I am eager to immerse myself in new fields, acquire valuable knowledge, and enhance my skills. With a passion for learning and a determined work ethics.

EDUCATION

- **Adani Institute of Infrastructure Engineering** — Gujarat, Ahmedabad, India
  B.E., Information and Communication Technology; CGPA: 9/10 — *MAY 2020 - JUNE 2024*

  Relevant Coursework: Data Structures and Algorithms, Python for data science, Java OOPs, Computer Architecture.

- **Ahmedabad Public School International** — Gujarat, Ahmedabad, India
  Class XII CBSE; 78 percentage — *2020*

- **Podar International School** — Gujarat, Ahmedabad, India
  Class X CBSE; 88 percentage — *2018*

EXPERIENCE

- **[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.

- **[UniTap](#)** — 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.
  - **Implemented Google sign-in and cloud database**: Used **Firebase authentication** to create instances of user using their Gmail and storing their data on **Firebase**

PROJECTS

- **[Skyway News App](#) - Flutter, API, JSON, HTTP get, Firebase**:   https://github.com/smil-thakur/skyway
  - News app that displays news based on different categories like business, sports, technology, science, and more that users select as their preference.
  - The app is totally ad-free if we go with the 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**:
  https://github.com/smil-thakur/Flash-Chat

- Native chat app for the iOS platform for group chat.
- Uses Firebase - Firestore to store the text messages and has an interactive UI to differentiate between the receiver and sender with timestamps.
- The app uses Google Authentication to create user accounts to fetch the chat.

- **AR-Ruler - Swift, ARKit, SwiftUI**: https://github.com/smil-thakur/AR-Ruler
  - This iOS app, developed using Swift, leverages the power of augmented reality (AR) technology to measure distances between two or more points in real life. By using the device's camera and ARKit framework, the app overlays virtual objects onto the real world, allowing users to accurately measure distances without the need for physical measuring tools.

- **True/False Quiz App - Flutter, Firebase, Google Authentication**: https://github.com/smil-thakur/True-False
  - Minimal Quiz app that fetches questions from the Firebase database and takes either true or false as feedback.
  - Each correct feedback within the time limit increases your score and stores it in your Google profile instance made using Google Authentication.

- **Daily Scheduler - ToDo - React.JS, localStorge**: https://github.com/smil-thakur/ToDo
  - A daily planner React.js app to store your todo lists and preserve them on your local storage, so no sign-in is required.
  - It has a modular and elegant design.

- **Private Chats - React.JS, Google Auths, Firebase**: https://github.com/smil-thakur/react-chat-app
  - A web app to chat with your friends with privacy.
  - All the chats are stored in the Firebase database.
  - It is completely open-source and allows sign-in with your email and password with a custom avatar.
  - You can search for the people you want to chat with, keep track of the latest messages, and share pictures too.
  - The UI is responsive and interactive with timestamped chats.

SKILLS SUMMARY

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

HONORS AND AWARDS

- **AU-IQM Hackathon 2023:** Won AU-IQM hackathon (24hrs), for second consecutive time, developed book trading App

- **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.