Saksham Rawat

✉ saksham.01rawat@ gmail.com

☏ +91 9950649357

in @saksham-rawat-dev

◯ @tratum

🌐 Website Portfolio

SKILLS

Programming Languages :
- **Python, Java, Dart**

Frameworks/Libraries:
- **FastAPI, Flask, Flutter, RASA**

Databases:
- **MongoDB Compass**

Cloud Services:
- **Firebase, GCP**

Version Control:
- **Git**

EDUCATION

B.tech CSE	2020-2024
Manipal University Jaipur	7.5 CGPA
12th, CBSE	2019 -2020
Tagore Public High School	76 %
10th, CBSE	2017 -2018
Jayshree Periwal High School	80 %

WORK EXPERIENCE

SOFTWARE DEVELOPER INTERN

Lawinzo, Gurgaon　　June 2023 - September 2023

- Developed a Chatbot using RASA framework to improve customer interactions.
- Architected, developed, and documented RESTful APIs to enhance software ecosystem.
- Utilized web scraping techniques to extract and analyze data from external sources.
- Optimized app performance by solving a critical issue related to Background App Activity.
- Mentored and trained team members on RASA framework implementation.
- Conducted manual functional testing of web and mobile app functionalities.

APP DEVELOPER INTERN (FLUTTER)

Data Infosys, Jaipur　　May 2023 - June 2023

- Developed mobile applications using the Flutter framework under the guidance of my mentor.
- Worked closely with App Development Team.
- Conducted code reviews and provided constructive feedback to enhance the quality and maintainability of the codebase.

PROJECTS

APPLE MATURITY DETECTION　　Feb 2023 - Apr 2023

- Developed a program to detect the maturity of apples using Convolutional Neural Networks (CNN) and YOLOv8.
- Achieved an accuracy of 78% in predicting apple maturity using CNN.
- Utilized Python for implementing the machine learning models and processing the image data.

NOTELY　　July 2023 - Aug 2023

- Developed "Notely", a cross-platform app for Android and iOS platforms using the Flutter framework. The app serves as a comprehensive tool for both to-do lists and note-taking.
- Integrated Firebase for backend services, including data storage and user authentication.

WEATHER PREDICTION MODEL　　Mar 2023 - Apr 2023

- Developed a weather prediction program using the ARIMA model as part of a team of 4.
- Achieved a Root Mean Square Error (RMSE) in the range of 4-7%, demonstrating the accuracy of the predictions.
- Utilized Python for implementing the ARIMA model and processing the weather data.

WANDERLUST EXPEDITIONS　　Nov 2024 - Jan 2024

- Created 'Wanderlust Expeditions' travel website using Flutter for cross-platform compatibility.
- Employed Firebase for backend management and crafted a dynamic API by curating data through web scraping and JSON.