

# PRANAV NARKHEDE

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## EDUCATION

### K J SOMAIYA INSTITUTE OF TECHNOLOGY

Bachelor of Technology, Artificial Intelligence and Data Science

Mumbai

2026

### ORION CBSE ENGLISH MEDIUM SCHOOL

Jalgaon

## WORK EXPERIENCE

### S4DS, KSJIT Chapter, App Development Intern

- Gained hands on expertise android app development using flutter framework and firebase database, collaborated on various in-house projects which utilized technologies such as Rest Api, Firebase database and developed full-fledged applications

### New Leap Labs, Iot Intern

- Worked on various IoT products, focusing on design and fabrication using ANSYS software.
- Gained experience in ground station communication and Learned about the integration and application of IoT technologies.

### Godavari Bio Refineries, App Developer and Data Analyst

- Contributed to a Geofencing project by creating and managing datasets.
- Developed a mobile application for Supervisors to map their villages plots, save the details and also showing real-time view of farmers' plots, and connect the data to the factory for over 50000 plots

## PROJECTS

### FontFusion [Repository](#)

- Developed a Flutter application that generates new fonts by combining two fonts using GAN and VAE models and use the font in a document page also added a drawing page where user can draw the desired font and a font will be generated.
- Backend server created with Django, with API-based connections to handle requests and responses.
- Key Features: Real-time font previews, user-friendly interface, seamless cross-platform performance.

### STEPS [Playstore](#)

- Created Somaiya Technology For Efficient Plot Surveying which is a android application for supervisors to geofence the farmers plot for Godavari Bio Refineries Ltd, which is currently deployed and in use.
- Google map was integrated along with options for supervisors to view or add farmers plot details and a village wise login system was established which handled all the plots data using Api connection through Django.
- Technologies such as like Flutter, Django and MySQL was used to make the application while utilizing the Google Map Api

### TrackFit [Repository](#)

- Developed a sleek, user-friendly mobile app interface with AR-powered 3D exercise models, allowing users to learn and perform workouts with real-time posture correction using OpenCV.
- Created a dynamic UI for personalized diet recommendations, utilizing GAN models to generate tailored weekly meal plans based on user profiles and BMI Also created a website containing dashboard and user profile management
- Technologies used Flutter for App development, React js for website development and Django for Backend

### Team Vision Audio Library ( Freelancing) [Playstore](#)

- Developed and deployed a app for the visually challenged community by providing a platform for listening and uploading of over 400+ Audio books by the volunteers
- Worked on making the application using flutter according to the requirements and handling the backend with firebase
- Currently deployed and is used by 100+ Visually challenged people and Institutions for Blind along with 15 + volunteers

## SKILLS

**Languages:** C, Python, HTML, CSS, Java, Dart

**Libraries:** NumPy, Pandas, Matplotlib, OpenCV, AR Core, TensorFlow,

**Frameworks & Technologies:** Flutter , Django, APIs, Internet of Things (IoT) , REST API , Flask, WebRTC , MLOps

**Database:** MySQL, Firebase

**Tools & Software:** Google Collab, VS Code,

## ACHIEVEMENTS

- **Letter of Appreciation**, Received LOA for my contribution in Belief Sat 0 satellite which was launched in collaboration with ISRO
- **Hackathon**,
  1. Winner at Code Oddesy Hackathon at KJ Somaiya Institute Of Technology -October 2024
  2. 2<sup>nd</sup> Runner Up in Need for code Hackathon at Thadomal Shahani college of engineering -August 2024
  3. Runner Up in Project Development Boot Camp organized by GDCS KJSIT -February 2023

## EXTRACURRICULAR ACTIVITIES

### VOLUNTEER, National Service Scheme, KJSIT

- Participated in social initiatives like healthcare promotion, and participated in a week-long NSS camp for social upliftment.