

Vidhi Rahi

+91 799028388 | vidhirahi01@gmail.com | [Linkedin](#) | [Github](#)

EDUCATION

Pandit Deendayal Energy University

Bachelor of Technology in Computer Science and Engineering

Gandhinagar, IN

Sept. 2023 – Aug 2026

Government Polytechnic for Girls

Diploma in Computer Engineering

Surat, IN

Aug. 2020 – Aug 2023

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Dart

Frameworks: Flutter, Android Studio, WordPress, Material-UI, FastAPI

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib

PROJECTS

Movement Access Controller | Android Studio, Java, PHP (Retrofit),

Dec 2023

- Built a role-based security access app with guest entry and real-time tracking, improving security management.
- Integrated Android with PHP backend via Retrofit API, enabling movement history and backtracking

School Student Management App | Flutter, FastAPI, Python, Firebase

Aug 2024

- Developed an app with FastAPI and Firebase managing attendance, marks, and school assignments
- Designed a clean UI and planned chatbot integration to address student queries efficiently.

5 Elements AR App | Flutter, ARKit

Sep 2024

- Designed and deployed an AR-based app using Flutter's ARKit integration to visualize the five elements of nature, enhancing immersive learning for a university club's educational initiative.

Resido – Household Services App | Flutter, Node.js, Express, MongoDB

Jan 2025-Present

- Building a scalable app for on-demand home services and bookings.
- Enables users to book, track, and manage household services in real-time through a mobile app, with backend support for user roles, service scheduling, and provider assignment.
- Integrated secure payments, real-time tracking, and multi-category service listings.

EcoCycle – Recyclable Product Management System | Flutter, Node.js, Express, MongoDB

April 2025

- Developed a web platform for users to upload recyclable products and track recycling status in real-time.
- Implemented pickup request system with role-based access for admins and recyclers to manage operations.
- Integrated EcoPoints system to incentivize eco-friendly actions and user engagement.

POSITIONS & ACHIEVEMENTS

Head of App Development – GDG Club

2024-2025

- Led a hands-on Flutter workshop, mentoring juniors to build a real-time Notes app.
- Led app development initiatives, increasing club engagement and project contributions.

App Dev Committee – Encode PDEU

2024-2025

- Contributed to app development projects and mentored juniors during technical initiatives, onboarding, and internal hackathons within the club.

NASA Space Apps Challenge – Finalist

2024

- Built a farmer-centric Flutter app integrating satellite maps & OpenWeather API delivering real-time, location-based soil moisture and water data
- Provided actionable insights on water usage, pesticide application, and long-term strategy using NASA's datasets.
- Integrated an ML model to predict floods/droughts, optimize irrigation needs, and monitor crop health.