# Umang Darak

## My Contact

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## About Me

As an aspiring IT and Tech professional, my career objective is to contribute to the dynamic field of technology by leveraging my skills and knowledge. Having a passion for Full Stack Web Development and proficient in MERN stack for Web Development and React Native for cross-platform mobile app development. Skilled in Java, JavaScript and Python.

## Education

- **CVR College of Engineering**
  BTech - Computer Science and Information Technology
  CGPA: 9.00                                    2021-Current
- **Vijaya Ratna Junior College**        Intermediate
  Score: 974/1000                              2019-2021
- **Little Flower High School**          SSC
  CGPA: 9.8                                       2009-2019

## Technical skills

- **Languages:** Java, Python, HTML, CSS, JavaScript, TypeScript, SQL, Dart.
- **Course Work:** DBMS, OOPS, Web Development, Data Structures And Algorithms, React-Native, React.js, Node.js, Express, Flutter, Mobile Development.
- **Version Control:** Git, Github.

## Non-Technical skills

- **Soft Skills**: Problem Solving, Analytical and Critical Thinking, Organized, Multitasking, Adaptable, Time Management, Team Work, Leadership, Dedicated.

## Projects

**NIREEKSHAN - GRAND FINALE - SMART INDIA HACKATHON 2023 |** React-Native, React.js(Vite), Python(Flask)

- **Team Size:** 6
- **Aim:** Real-time monitoring of air, water quality indices and environmental monitoring.
- **Description:** Created a **Cross Platform Application** which based on the **Geo Location** of the user **Real-time Data** of the current location is fetched and the Air Quality Index and Water Quality Index are predicted with an accuracy of **98.67%**.

**COLLEGE MANAGEMENT SYSTEM |** React JS, Express, Node JS, MONGO DB, SOCKET.IO

- **Team Size:** 4
- **Aim:** Transformative Web-Based solution for educational institution administration.
- **Description**: **Led** development of a transformative web-based College Management System with **real-time attendance tracking**, including photo capture, compression, and swift transmission to teachers for approval in less than 2 seconds, during the **BIT-N-BUILD Hackathon 2024.**

**OTAKU NETWORK - SOCIAL MEDIA APPLICATION|** Flutter, FIrebase

- **Aim:** Connecting Anime Fans across the globe via a Social Media application.
- **Description:** Developed a social media application where anime fans can Like, Comment and become Nakama(Follow) while posting their favourite anime shows and manga.

## Clubs and Responsibilities

2023-2024     **Android Core Team Member**
              @Google Developer Students Club
              CVR College of Engineering

2023-2024     **Instrumental and Social Media Lead**
              @Cadenza Music Club
              CVR College of Engineering

## Achievements

- Demonstrated an integrated solution for real-time monitoring of air and water quality, various metrics as a **grand finalist** at **Smart India Hackathon-2023** held at SKIT-Jaipur.
- Developed a web based College Management System to handle attendance monitoring at **Bit N Build Inter-State Hackathon-2024** held at CVR College of Engineering.
- Developing a **cross platform application** for Crowd Sourced Disaster Management to handle tracking of resources during a disaster at **Hackfest 2024** Regional Round held at GNITS.
- Completed a course in EBOX - **Learn How to Code : The Complete Core Java Programming Course.**