Ketan Yatin Gangwal

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Education

**Vishwakarma Institute of Technology** Pune

*BTech Artificial Intelligence and Data Science 2020 – 2024*

* 9.27/10

# Experience

**News App** *| Flutter, Dart, API, Postman*

* News App using Flutter and NewsAPI. This app offers latest news, news according to different categories and news from multiple trusted sources.

**Recipe App |** *Flutter, Dart, API, Postman*

* A recipe app with Flutter and Edamam API. This app offers all the recipes related to the items entered by the user.

**Real Time traffic Management System** *| IP, Machine learning, IOT, YOLO, Firebase Database*

* Ever – increasing traffic requires real-time road traffic density calculations for improving the current traffic management system.
* By using Image Processing and Machine learning, traffic density has been calculated and traffic signals have been adjusted by calculating the green signal time that must be allotted to each lane at a junction using machine learning.

**Covid 19 Analysis** *| R, Data Analysis*

* Visualized the changes in the number of affected cases over time, changes in the cases over time at country level and the latest number of cases using ggplot2.
* Analyzed the total number of cases , Deaths and Recoveries of top 9 states of India.

# Experience

**Android Developer | TRF, VIT Pune** Oct 2021 – Present

* Learning about cross platform development using Flutter as a development tool to develop various applications for better development of the society.

# Technical Skills

**Proficient**: C/C++, Python, Java, R, Dart, Application Development (Flutter)

**Moderately Experience:** SQL, Machine learning, IOT, Virtual Box

**Developer Tools**: Git, Linux, VS Code, Google Colab, Jupyter Notebook, Eclipse

# Extracurriculars

* **Administrator | TRF, VIT Pune** Oct 2021 - Present
* Volunteered in Social Activity – “**Aatmabodh**” **|** SW&D, VIT Pune Sept ‘21 – Oct ‘21