

SATYAM RANJAN

A passionate undergraduate student pursuing B.Tech and developing skills to solve complex problems and making world a better place.

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EDUCATION

Bachelors of Technology(CSE)

Lovely Professional University

07/2019 - Present

7.39

Higher Secondary

DAV Public School, Koyla Nagar, Dhanbad

04/2017 - 03/2018

7.4

Secondary

DAV Public School, Koyla Nagar, Dhanbad

04/2015 - 03/2016

9.4

PROJECTS

To Do App (07/2022)

- Used **Room Storage** as a database to store data.
- Used **Coroutines** to run some functions in the background thread.
- Data is displayed using **Recycler view**.
- User can modify the task and can also set the priority of the task.

My Weather Application (02/2022)

- This app requires users **Location**, to get the **Latitude** and **Longitude** and to pass it do **Api** calls.
- Used **Open Weather Api** to fetch the information about the user's location.
- Used **Volley** library to manage the api calls.
- Implemented **Splash Screen** in this app.
- User can get the information about sunrise, sunset time, temperature and much more information about the current location.

Covid- 19 Data Analysis (01/2022)

- Used **Tableau** to do the analysis of covid dataset.
- The analysis has various **Dynamic charts** and observation.
- Used **Animation** feature to show the comparison between total numbers of recovered vs total number of confirmed cases in some selected countries.

2048 Game Clone (07/2021 - 08/2021)

- A built on **C++** using **arrays data structures**.
- Here the user can move up, down, left, right.
- For movement mapping of keys are done with the button.
- Handled the corner cases such that pointer will always remain inside the matrix.

Portfolio Website (04/2022 - 05/2022)

- A responsive website made using **HTML ,CSS** and a bit of **JavaScript**.
- Used **JavaScript** for text animation and for the message respsnes.
- Used **google sheets** to get the messages responses.

SKILLS

C/C++

SQL

DBMS

HTML

JAVA

Kotlin

Data Structures and Algorithms

CSS

Ms Excel

Tableau

Github

Android Development

Problem Solving

Communication

Time management

Critical Thinking

ACHIEVEMENTS

3 stars on CodeChef with contest rating 1714.

1572 global rank out of 36446 participants in May Long Challenge in CodeChef.

Solved 280+ questions in Geeks for Geeks.

CERTIFICATIONS

Geeks For Geeks: DSA Self Placed
(06/2021 - 08/2021)

Course taught by industry level experienced teacher, learnt data structures and algorithms like **sorting, strings, heaps, DP, searching**, and more .

LANGUAGES

English

Professional Working Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Gaming

Gardening

Cycling