

# Vishal Agrawal

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## EDUCATION

### POORNIMA COLLEGE OF ENGINEERING

B.TECH,CSE

May 2024 | Jaipur,IN  
till yet CGPA - 8.6/10

### SONY ACADEMY SENIOR SECONDARY SCHOOL

12TH | RBSE

PERCENTAGE - 76%

### ARYA ACADEMY SENIOR SECONDARY SCHOOL

10TH | RBSE

PERCENTAGE - 69%

## LINKS

LinkedIn:// [vishalag53](#)  
Leetcode:// [vishalag53](#)  
GFG:// [vishalag53](#)  
GitHub:// [vishalag53](#)  
Codeforces:// [vishalag53](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms  
Object Oriented Programming  
Competitive Programming  
Database Management System  
Operating Systems

## SKILLS

### PROGRAMMING

Java • Android • Kotlin • C++

### TECHNOLOGY

Sql '

Familiar:

• Python • MySQL • C

### OTHER

Git • Android Studio • IntelliJ Idea  
• Vs Studio • MySQL Workbench

## INTERESTS/HOBBIES

Coding • Sudoku

## PROJECTS

### MYTASKS | FULL-STACK ANDROID APPLICATION

- Adding the tasks and reminding them.
- Firebase Authentication can reduce data leaks in Android projects by up to 90%.
- Implemented a seamless migration to Firebase, leading to a 25% reduction in server maintenance costs and enhanced application scalability.
- The Firebase authentication system was implemented, leading to a 40% decrease in login errors and a significant enhancement in user experience.
- Checkout Code: **MyTasks**

### POKEDEX | FULL-STACK ANDROID APPLICATION

- Show the details of Pokemon, like ability,regions, power, and many more properties of Pokemon.
- Pokemon data is 99% correct.
- Retrofit can improve the performance of REST API calls by up to 20%.
- The Room Database is used to store all data with 99.9% security.
- MVVM can significantly decrease the coupling between different app layers by up to 50%.
- Checkout Code: **Pokedex**

### SLEEP TRACKER | FULL-STACK ANDROID APPLICATION

- Track your sleep and give feedback.
- MVVM enhances code maintainability by increasing the independence of app layers by up to 30%.
- Checkout Code: **Sleep Tracker**

### MARS REAL ESTATE | FULL-STACK ANDROID APPLICATION

- See the images of Mars and price.
- Retrofit can reduce the amount of boilerplate code required to consume REST APIs up to 50%.
- Checkout Code: **Mars Real Estate**

## AWARDS

2023 Runner Up at Code-O-Trip in college  
2020 Getting the 95.55 percentile on the JEE Main Exam  
2015 City Level Winner of Math Olympiad  
2014 City Level Winner of Math Olympiad

## CERTIFICATE

Java Essential Training: Objects and APIs (LinkedIn Learning)  
Java Essential Training: Syntax and Structure (LinkedIn Learning)  
Programming in Java (NPTEL)  
Programming in C++ (NPTEL)  
Problem Solving through Programming in C (NPTEL)  
Data Structure and Algorithms using Java (NPTEL)