

# Vishal Agrawal

linkedin/vishalag53 | +917374058408 | vishal.agrawal1207@gmail.com

## EDUCATION

### POORNIMA COLLEGE OF ENGINEERING

B.TECH,CSE

May 2024 | Jaipur,IN  
till yet CGPA - 8.2/10

## 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

## PROJECTS

### MYTASKS | FULL-STACK ANDROID APPLICATION

- Streamlined project workflows by implementing an automated task assignment system, resulting in a 25% reduction in project completion time and saving 10+ hours per week.
- 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.
- Implemented by the Firebase authentication system, leading to a 40% decrease in login errors and a significant enhancement in user experience.

### POKEDEX | FULL-STACK ANDROID APPLICATION

- Compiled and analyzed extensive Pokemon data, including abilities, regions, and power levels, resulting in a comprehensive resource that offers trainers and enthusiasts valuable insights for strategic gameplay and team-building strategies and is almost 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%.

### SLEEP TRACKER | FULL-STACK ANDROID APPLICATION

- Spearheaded the creation of a user-friendly sleep tracking app and integrated user feedback to enhance app functionality,
- MVVM enhances code maintainability by increasing the independence of app layers by up to 30%.

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

- Orchestrated the successful capture and analysis of breathtaking images showcasing the Martian landscape, captivating audiences worldwide and increasing public interest in space exploration.
- Retrofit can reduce the amount of boilerplate code required to consume REST APIs up to 50%.

## 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)  
Data Structure and Algorithms using Java (NPTEL)