Vishal Agrawal

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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**
GithHub:// **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.

POKEDEX | FULL-STACK ANDROID Application
• The analysis and cataloging of extensive Pokemon information, including abilities, regions, and power levels, has been compiled into a comprehensive resource, offering valuable insights for trainers and enthusiasts.
• 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%.

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%.

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%.

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)