

Vishal Agrawal

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EDUCATION

POORNIMA COLLEGE OF ENGINEERING

B.TECH,CSE

May 2024 | Jaipur,IN

till yet CGPA - 7.5/10

SONY ACADEMY

SENIOR SECONDARY SCHOOL

12TH | RBSE

PERCENTAGE - 76%

LINKS

LinkedIn:// [vishalag53](#)

Leetcode:// [vishalag53](#)

GFG:// [vishalag53](#)

GitHub:// [vishalag53](#)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Object Oriented Programming

Competitive Programming

SKILLS

PROGRAMMING

Android • Kotlin • Jetpack Compose

• Java • SQL

Familiar:

C++ • C • Ionic Angular • HTML

• CSS • Typescript

OTHER

Visual Studio Code • Git

• Android Studio • IntelliJ Idea

INTERESTS/HOBBIES

Coding

Sudoku

INTERNSHIP

KVON TECH CONSULTING | Android Intern

May 2024 - Aug 2024 | Jaipur, IN

- Learning Skill Ionic Angular, Modal, Popover, API and SQL etc.
- Working on the project like Dating Application in which used the firebase for adding authentication, add and get data.

ACADEMIC PROJECTS

RHYTHMFLOW

- Built a full-featured music player with ExoPlayer for seamless audio playback, background service integration, and media notification controls.
- Implemented type-safe navigation with sealed classes and custom serializers for passing complex arguments across composables.
- Designed a modern UI with Jetpack Compose, including bottom navigation, search with filters, tabbed browsing, and reactive UI state management using ViewModel + StateFlow + collectAsStateWithLifecycle().

MYTASKS

- 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

- Trainers and enthusiasts now have access to thorough, almost 80% correct Pokemon data, which includes information on powers, areas, and abilities. Team building activities and strategic games benefit from this data. The information was gathered and examined from a substantial amount of Pokemon data.
- 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%.

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)