

# 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 & GitHub

• Android Studio • IntelliJ Idea

## INTERESTS/HOBBIES

Coding

Sudoku

## INTERNSHIP

### KVON TECH CONSULTING | Android Intern

May 2024 - Aug 2024 | Jaipur, IN

- Gained hands-on experience with Ionic & Angular frameworks, implementing features such as modals, popovers, and API integrations.
- Worked with SQL for data storage and retrieval, enhancing application functionality.
- Contributed to the development of a Dating Application, integrating Firebase Authentication for secure login and signup.
- Implemented features to add, retrieve, and manage user data using Firebase Realtime Database / Firestore.

## ACADEMIC PROJECTS

### RHYTHMFLOW

- Developed a feature-rich music player app using Kotlin and Jetpack Compose with a clean MVVM architecture.
- Integrated ExoPlayer for seamless audio playback with background Service-based handling.
- Built a type-safe navigation system using sealed classes and custom serializers for argument handling.
- Focused on scalability, performance optimization, and intuitive UI/UX for a modern Android experience.

### MYTASKS

- Migrated backend to Firebase, cutting server maintenance costs by 25% and boosting scalability.
- Implemented Firebase Authentication, reducing login errors by 40% and improving security.
- Optimized task management workflows with Firestore for seamless data sync across devices.

### POKEDEX

- Built an app providing 80% accurate Pokémon data including powers, regions, and abilities to support team-building and strategy.
- Integrated Retrofit for REST API calls, improving data fetching performance by 20%.
- Implemented Room Database for secure offline storage with 99.9% data reliability.

## 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)