



# COGNORISE INFOTECH

Learn -- Innovate -- Thrive

## ANDROID APP DEVELOPMENT INTERNSHIP



# ABOUT US

COGNORISE INFOTECH thrives as a dynamic and varied community that unites individuals with akin aims and eventual achievements. Our primary concentration resides in establishing prospects that encompass a multitude of domains, encompassing the enhancement of leadership acumen, knowledge acquisition, engagement amongst students, and the cultivation of mutual interests.

We hold a steadfast belief in the potency of leadership and its capacity to propel constructive transformation. Hence, we furnish platforms and reservoirs of support for members within our community to cultivate their leadership proficiencies. By means of mentorship initiatives, interactive workshops, and synergistic undertakings, we endow individuals with the authority to assume leadership positions and engender meaningful alterations in their respective domains.



# INSTRUCTIONS

- o Update your linkedIn profiles.
- o For the internship ,you will need to complete any 3 task at your convenience for successful completion of the internship.
- o Create a new Github repository and name it CognoRise Infotech and share the link of the Github repo in the submission form( it will be shared later through email ).
- o You can refer to online resources such as Google Search and documentation.



# SUBMISSION

- A TASK SUBMISSION FORM will be shared later through email . Till then please continue your task.
- Create a demo video of your task, preferably screen recorded.
- The video can be hosted on LinkedIn for proof of your work and build credibility among your peers .
- You can tag CognoRise Infotech on LinkedIn in such posts.
- Please add #cognorise in each of your task video postings on LinkedIn, Additionally, you can also add hashtags such as #internship #webdevelopment. for more reach and visibility.



# TASK 1

## CALCULATOR APP

- Create a straightforward calculator application capable of executing fundamental arithmetic functions, including addition, subtraction, multiplication, and division.
- Enhance the app's capabilities by incorporating features such as input clearance and the ability to handle decimal numbers.



# TASK 2

## TO-DO LIST

- Interface Design:
  - Design a basic user interface (UI) with a text input field for adding tasks and a list view to display them.
- Task Addition:
  - Implement functionality to add tasks entered by the user to the list view.
- Task Removal:
  - Allow users to remove tasks from the list by tapping on them.
- Basic Functionality:
  - Ensure the app can handle adding and removing tasks without crashing.



# TASK 3

## ALARM CLOCK APP

Build an alarm clock app that allows users to set and manage alarms

- Home Screen: Display current time and date.
- Option to set a new alarm.
- Alarm Setting: Time picker to set the alarm time.
- Option to choose the alarm tone.
- Alarm Management: List of all set alarms with on/off toggle.
- Snooze and Dismiss: Snooze or dismiss the alarm when it rings.
- User Interface: User-friendly and visually appealing design.



# TASK 4

## BMI CALCULATOR

- BMI Calculator App: Develop a user-centric Body Mass Index (BMI) calculator app that facilitates input of weight and height. Upon user input, the app swiftly computes the BMI by dividing weight (in kilograms) by the square of height (in meters). Notably, the app's distinctive feature is its capability to classify the BMI result.
- Based on the calculated BMI, the app classifies users into distinct categories such as underweight, normal weight, overweight, or other relevant classifications. This classification mechanism delivers personalized insights into one's weight status. The app's interface will be intuitive and minimalist, prioritizing seamless user interaction. By combining calculation and classification, the app empowers users to make informed health-related decisions while fostering a greater understanding of their own well-being.



# TASK 5

## SIMPLE PUZZLE GAME

- Simple Puzzle Game Design: Craft an uncomplicated puzzle game where participants reassemble scrambled puzzle fragments within a 3x3 grid to compose a coherent image. Tailored for beginners, this project offers an accessible introduction to game development. Players engage in a delightful challenge of rearranging jumbled pieces by swapping adjacent elements until the picture is reconstructed correctly.
- The game's manageable complexity encourages newcomers to explore the game development process step by step. The 3x3 grid setup serves as an apt foundation for beginners to familiarize themselves with basic game mechanics. This undertaking provides a hands-on opportunity to gain practical insights into graphic rendering, user interaction, and problem-solving in the context of game creation.



# INTERNSHIP AIM

## LEARNING AND ADVANCEMENT

- The purpose of this internship is to learn and grow
- Our internship is designed to facilitate your learning journey and foster growth. The choice to seek guidance is entirely yours.
- The provided tasks may appear simple or complex.
- We anticipate your approach to be marked by professional commitment, dedicating the attention each task merits.



# CONNECT WITH US

- MAIL US: [cognoriseinfotech@gmail.com](mailto:cognoriseinfotech@gmail.com)
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- TELEGRAM: [https://t.me/CognoRise\\_InfoTech](https://t.me/CognoRise_InfoTech)
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- LINKEDIN: <https://www.linkedin.com/company/cognoriseinfotech/>