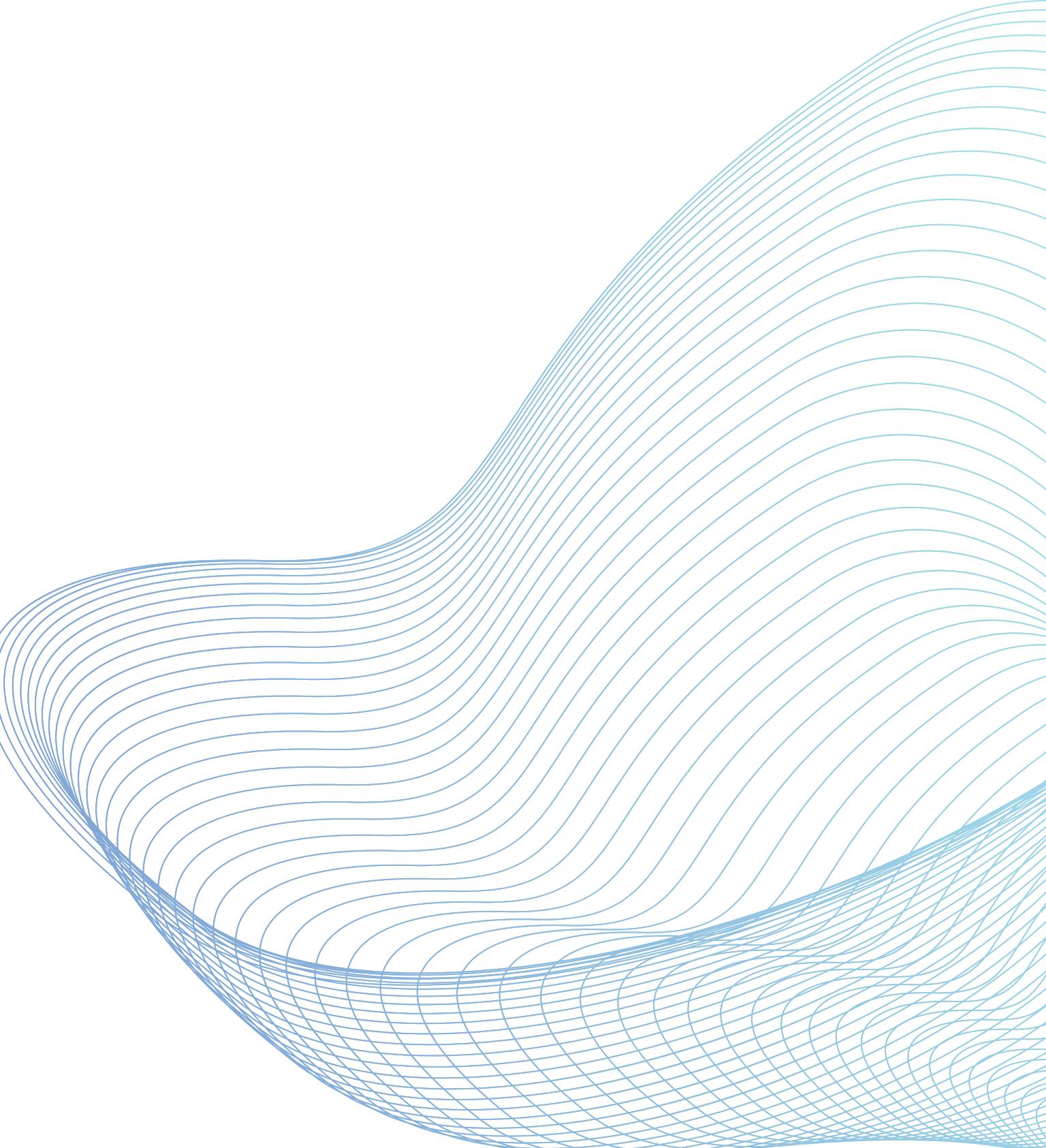


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CODE ALPHA

support@codealpha.tech



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About Us

This is very important as internship programs provide comprehensive experience and knowledge to the students, giving them real and relevant work experience.

CodeAlpha is a leading software development company dedicated to fostering talent and innovation in various domains. With a strong commitment to excellence, we offer internship opportunities that provide hands-on experience in cutting-edge technologies and a dynamic work environment.

About Internship

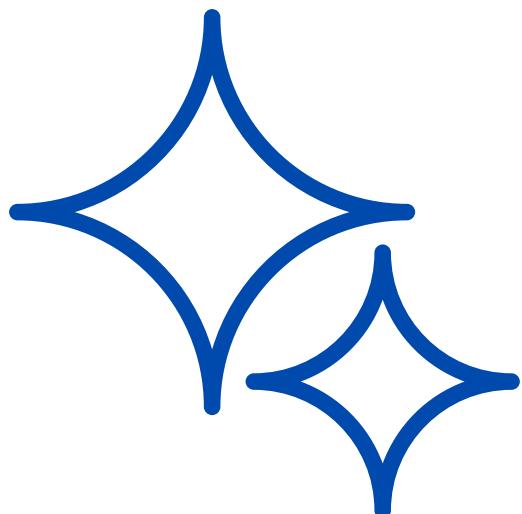
- Internship Offer letter
- Job Opportunities/Placement Support
- Completion Certificate
- Resume Building

Instructions

- Share your intern status on LinkedIn by mentioning @CodeAlpha.
- Complete Assigned Projects within the mentioned period of time.
- Upload Your whole source code on GitHub by creating repository named CodeAlpha_Project_Name.
- Update your Project completion on LinkedIn with a video explanation and share the GitHub project repository link.
- You will be provided a weekly task and In a given time and have to complete that task and submit via Submission form .
- You will be provided two task in all domains but you have to complete only one in your domain (Select One Task).

2nd Inspiring Quotes

Believe in yourself and all that you are.
Know that there is something inside you
that is greater than any obstacle.

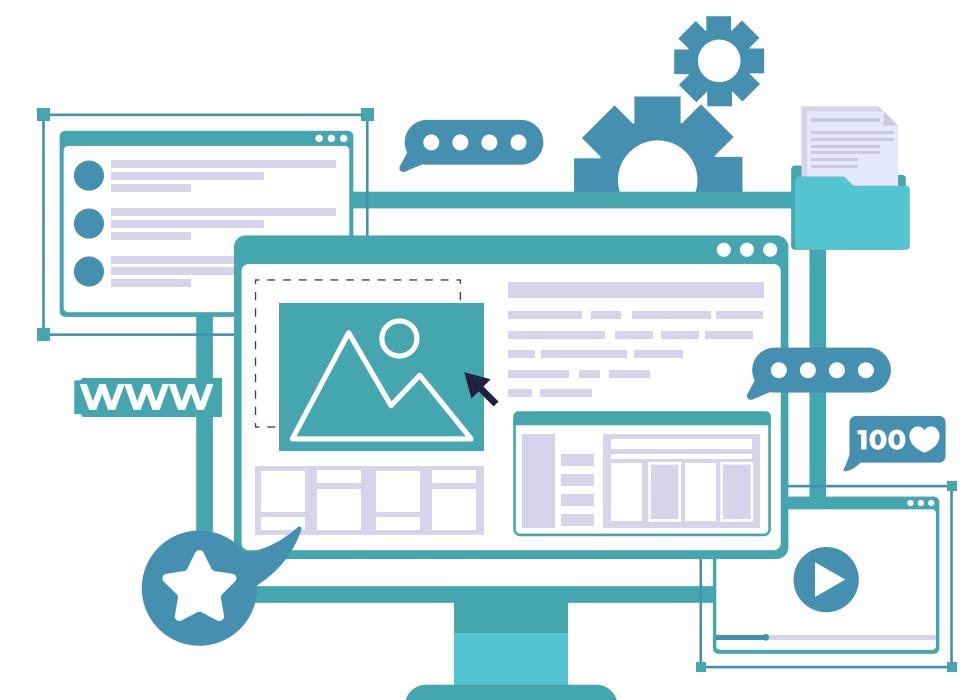




Web Development

TASK LIST

In web development, you learn how to build websites and web apps. This includes HTML, CSS, JavaScript, frameworks such as React or Angular, and server-side scripting.



TASK 1

AGE CALCULATOR

Create a web-based Age Calculator using JavaScript to calculate users' ages based on their submitted date of birth, month, and year. JavaScript's built-in date and time functions simplify the age calculation process, making it easy to determine someone's age.



TASK 2

TO DO LIST

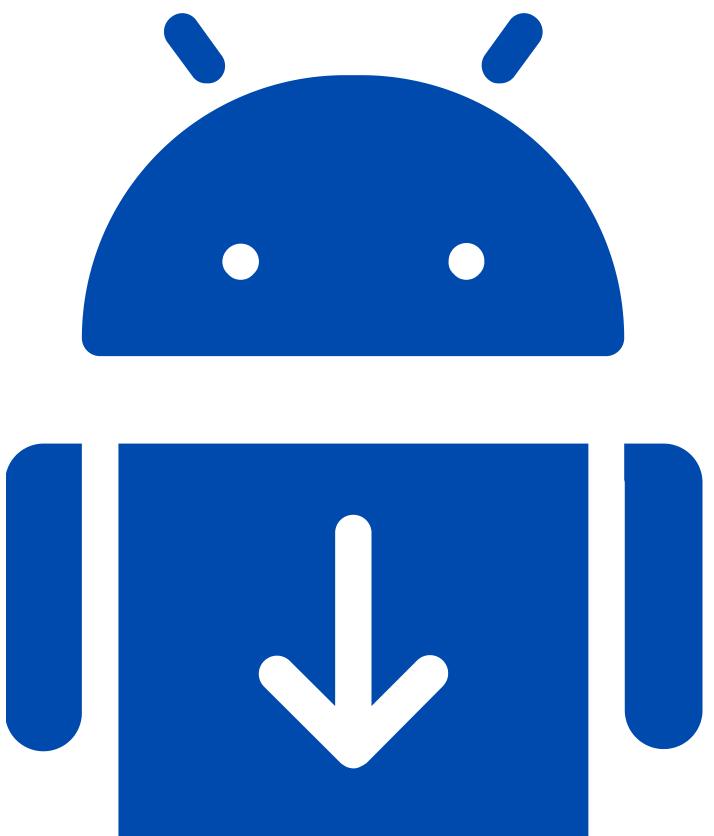
Create a To-Do List web application using HTML, CSS, and JavaScript. Users can easily create, save, and organize their daily tasks. This app simplifies task management and provides a convenient way to track and prioritize tasks.



App Development

TASK LIST

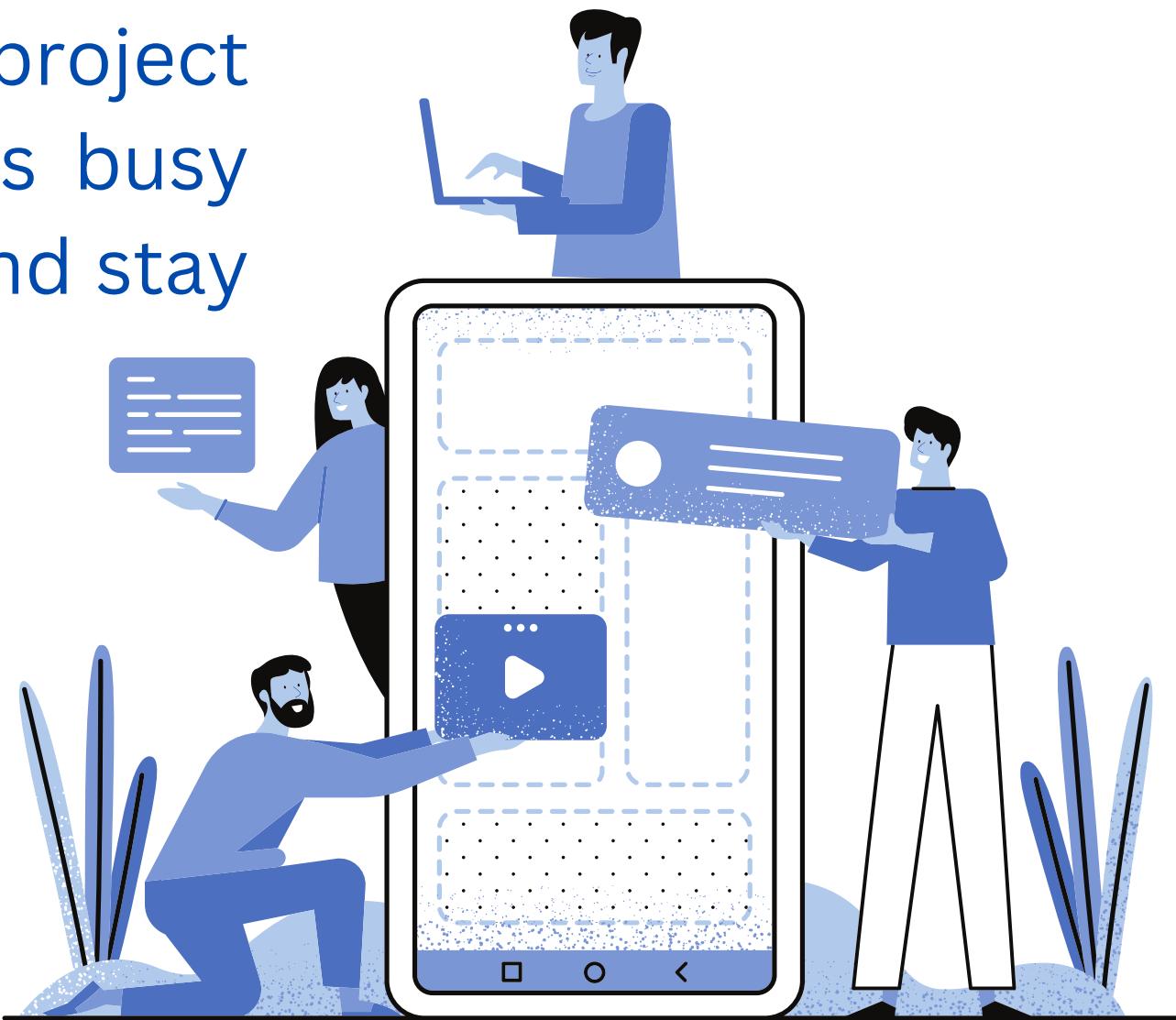
In Android development, you learn programming for Android apps and features. You can use different options in it, such as Java, Kotlin or React Native. There is a great demand for Android development experts and it can provide you a great career opportunity.



TASK 1

COLLEGE ALERT APPLICATION

Create a College Alert Android app that notifies users about campus events. It's a beginner-friendly project that utilizes Android features. This app benefits busy students by helping them plan their schedules and stay informed about crucial campus events.



TASK 2

E-COMMERCE APPLICATION

Create an advanced mobile-only e-commerce app where registered users can securely buy and sell products. Addressing data security and payment safety is crucial. If executed well, this project has the potential to innovate the e-commerce industry.

Java Development

TASK LIST

Interns may be tasked with implementing algorithms, building applications, or contributing to existing codebases. The goal is to gain hands-on experience, improve Java skills, and demonstrate problem-solving abilities in real-world scenarios.

TASK 1

ATTENDANCE MANAGEMENT SYSTEM

Create an attendance management system for university-level graduates using Java, following the MVC architecture, and employing Maven as a build tool. This system utilizes MySQL or another database for backend data management and deploys on a Tomcat server to allow live access and usage.

TASK 2

WORD COUNTER

A simple project for beginners is good to start. It can be built using Swing in Java. Here, the application tells you the no of words, the entered paragraph has.

Python Programming.

TASK LIST

Tasks may include developing applications, writing scripts for data analysis, building web applications with frameworks like Django, or solving algorithmic challenges. The goal is to gain practical experience and showcase Python skills for future career opportunities.

TASK 1

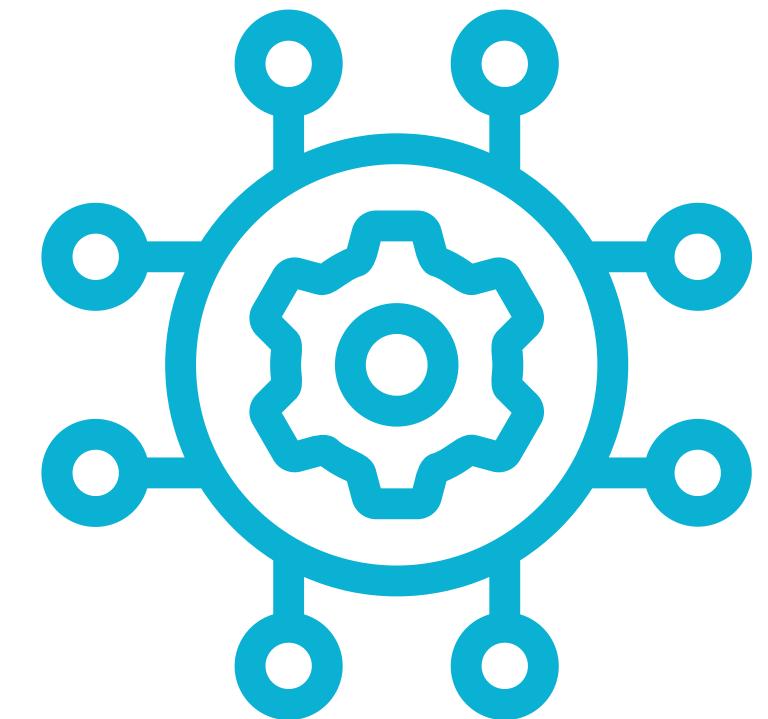
FIBONACCI GENERATOR

The Fibonacci series is a sequence where each number is the sum of the two preceding numbers, defined by a mathematical recurrence relationship.

TASK 2

VOICE ASSISTANT

Create a custom voice assistant using Python to personalize and automate tasks according to your needs. Python's versatility makes it an excellent choice for scripting and development, allowing you to build a voice assistant that can compete with the likes of Siri, Alexa, and Google Assistant.



Machine Learning.

TASK LIST

CodeAlpha offers internship opportunities in Machine Learning, providing you with a unique chance to delve into the world of cutting-edge artificial intelligence and data science. We are committed to nurturing your talent by offering hands-on experience, mentorship, and exposure to real-world machine learning projects

TASK 1

MUSIC RECOMMENDATION SYSTEM

Spotify's recommendation system, powered by machine learning, predicts a user's likelihood of repeatedly listening to a song within a set timeframe. Using a dataset with 1 indicating repeated plays within a month, it tracks user song histories and timestamps to generate personalized song recommendations.

TASK 2

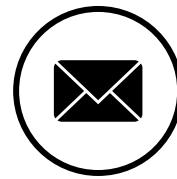
IMAGE RECOGNITION

Image recognition is a widely used application of machine learning, where algorithms analyze digital images by measuring pixel values. It's employed in various contexts, including face recognition, which identifies individuals and can trigger relevant notifications. This showcases the practicality and versatility of machine learning in diverse fields.

SUBMISSION DETAILS

You will have to provided task submission for each task(weekly task)

It's essential for each intern to complete all the assigned tasks. If someone completes only one or two tasks, their internship may be considered incomplete or certificate will not be provided, So Please make sure to fulfill all the tasks assigned to you and submit in Submission form to ensure a successfullInternship.



services.codealpha@gmail.com



+91 9336576683



www.codealpha.tech



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