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CODONACCI CAREER DEVELOPMENT

Full stack program



CODONACCI CAREER DEVELOPMENT

CODONACCI

Transforming Tech Education



CODONACCI

Transforming Tech Education

In a world that's constantly evolving, dreams are the sparks that ignite the flame of change. At Codonacci Career Development, we believe that every student, no matter their background, has the right to dream big and aspire to greatness. We don't just believe in dreams; we believe in the power of turning those dreams into reality.

Our mission at Codonacci Career Development is to democratize tech education, making it accessible, affordable, and achievable for everyone. We believe that education is more than just acquiring knowledge. It's about sparking curiosity, nurturing talent, and unlocking potential. At Codonacci, we don't just prepare you for a job in tech; we prepare you for a thriving career, a lifelong journey of growth and learning.

Life may not always equip us with the same starting point, but at Codonacci, we believe in the power of dreams. Regardless of your background, if you dare to dream big, we promise to stand by you. Our dedicated team of mentors and trainers work tirelessly to bring out the best in you, transforming your aspirations into reality.

With our industry-aligned curriculum, state-of-the-art infrastructure, and unparalleled placement support, a world of opportunities is at your fingertips. So, step into the world of Codonacci and let us together redefine what's possible. Because at Codonacci, we believe in your potential.

Welcome to Codonacci Career Development, where dreams in tech become determination, aspirations become achievement. Welcome to your future.

Join us at Codonacci Career Development. Let's dream, learn, innovate, and succeed together.

Why CODONACCI

Your Tech Career Deserves Ultimate Brilliance and Unmatched Success

Unlimited Placement Support

We provide endless support until you secure your first dream job.

Affordable Quality Education

We believe in breaking barriers, not your bank balance. Offering high-quality education at an affordable cost, we ensure that dreams aren't bound by finances.

Technology-Driven Learning

Technology is the heart of our teaching methodology. With our exclusive Codonacci app, you have access to all training materials and assessments at your fingertips.

Cutting-Edge Course Content

Our curriculum is designed with an eye on the future, mirroring the latest industry trends and technologies. Stay ahead of the curve with Codonacci

Hands-on Experience

Dive into the industry with our practical, real-world projects. Apply your newfound skills and hit the ground running from day one of your new job.

Personalized Mentorship

Learn without fear, knowing you have a mentor to guide you. We provide individual mentorship to ensure you conquer every obstacle on your path to success.

Our Flexibility, Your Comfort

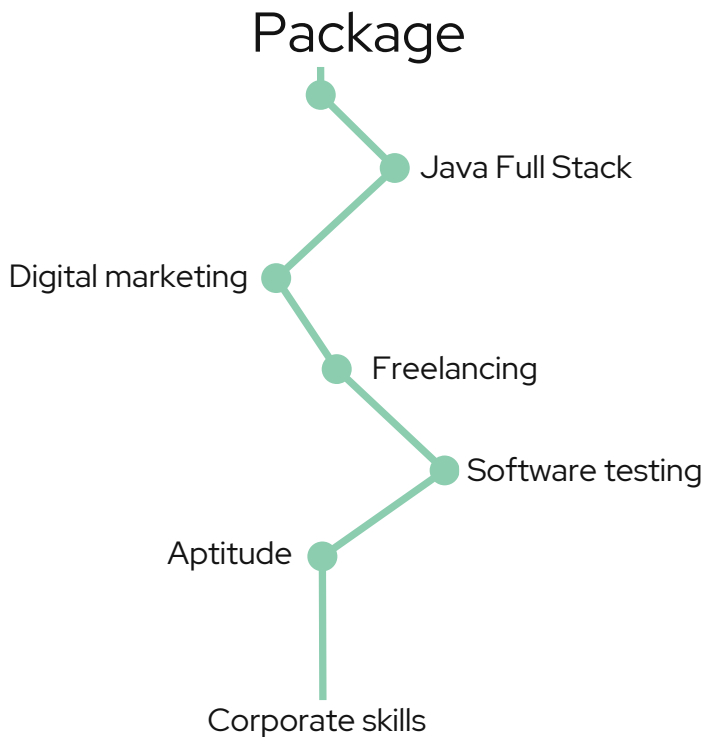
With both online and offline courses, flexible payment options, and open eligibility, we've made sure that our courses cater to everyone.

Comprehensive Career Services

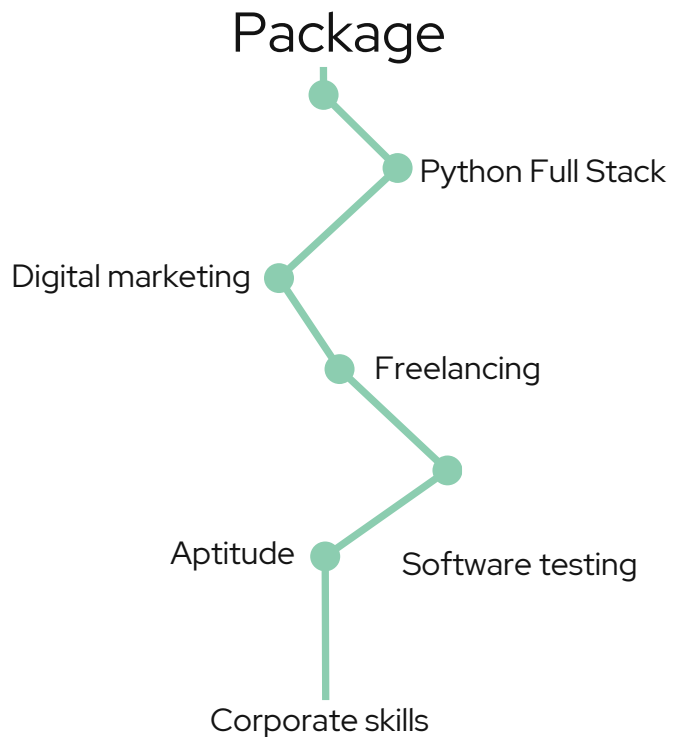
Our comprehensive career services include resume building, interview preparation, and job placement assistance.

Our Packaged Courses

Java Full Stack



Python Full Stack



Complementary courses

- Digital Marketing
- Software Testing
- Freelancing

Value Addition

- React
- DSA

6 Months Duration

ONLINE MODE

19999/-

24999/-

OFFLINE MODE

Regular Courses

MBA Trainings

- MBA - HR: Certified HR Generalist
- MBA - Finance: Certified Corporate Accountant / Financial Analyst
- MBA - Marketing: Certified Digital Marketing
- Aptitude Skills
- Soft Skills

MEAN Stack

- HTML5 & CSS3 & JavaScript
- MongoDB
- Express JS
- Angular JS
- Node.js

MERN Stack

- HTML5, CSS3 & JavaScript
- MongoDB
- Express JS
- React JS
- Node.js

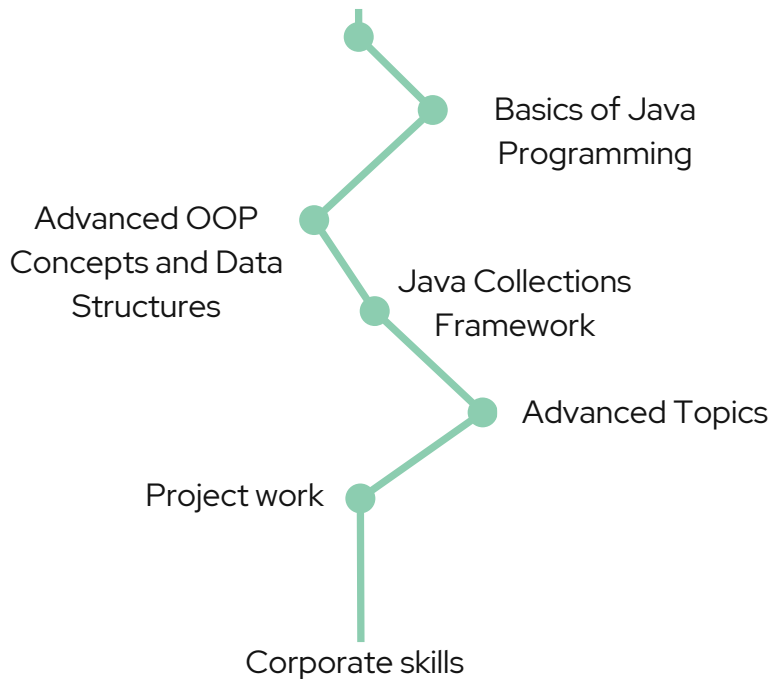
Data Science

- Core Python
- Statistics Essential for Data Science
- R Programming with Data Science
- Python for Data Science
- Data Science with Python
- Machine Learning
- Deep Learning
- Artificial Intelligence
- Tableau Desktop
- Natural Language Processing (NLP)
- JULIA for Data Science
- Projects in Data Science

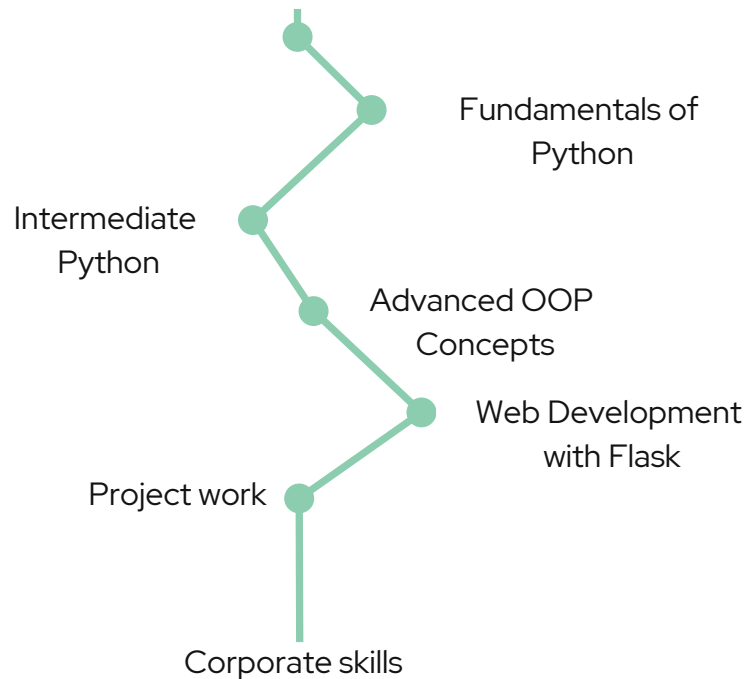
Contact Us For more Details

Regular Courses(crash course)

Java



Python



3 Months Duration

ONLINE MODE

16999/-

19999/-

OFFLINE MODE

Contact Us For Other Course Details

Course Modules

Java Full Stack Course Curriculum Index

Introduction Layer

Software Development Life Cycle

- Phases of SDLC
- SDLC Models

Fundamentals of Java Programming

- Introduction to Java
- Setting up the Environment
- Writing First Java Program

Operators

- Arithmetic Operators
- Relational Operators
- Logical Operators
- Bitwise Operators
- Assignment Operators

Data Types

- Primitive Data Types
- Non-Primitive Data Types
- Type Casting

Accepting User Input via Console

- Scanner Class
- BufferedReader Class

Logical Layer

Control Constructs

- If-Else Statements
- Switch Statements
- Loops (For, While, Do-While)

Methods and Method Overloading

- Defining Methods
- Method Overloading
- Static Methods

Arrays and Related Programs

- Single-Dimensional Arrays
- Multi-Dimensional Arrays
- Array Manipulation

Strings and Related Programs

- String Class
- StringBuffer and StringBuilder
- String Manipulation

Packages

- Creating Packages
- Importing Packages

Solving Problems with Recursion in Java

- Recursive Methods
- Examples and Use Cases

Time and Space Complexity

- Big O Notation
- Analyzing Algorithms

HackerRank Problem Solving

LeetCode Problem Solving

Conceptual Layer

Classes and Objects

- Defining Classes
- Creating Objects
- Instance Variables and Methods

Main Method and Its Syntax

Object-Oriented Programming Principles

- Abstraction
- Encapsulation
- Inheritance
- Polymorphism

Encapsulation

- Getters and Setters
- Access Modifiers

Constructors

- Default Constructors
- Parameterized Constructors

Inheritance

- Single Inheritance
- Multilevel Inheritance
- Hierarchical Inheritance

Method Overriding

Access Modifiers

- Private, Public, Protected, Default

Polymorphism

- Compile-time Polymorphism
- Run-time Polymorphism

Abstraction using Abstract Class

Abstraction using Interfaces

Exception Handling

- Try, Catch, Finally
- Throw and Throws
- Custom Exceptions

Multithreading

- Creating Threads
- Thread Lifecycle
- Synchronization

Collections Framework

- List Interface
- Set Interface
- Map Interface
- Iterator and ListIterator

JDBC (Java Database Connectivity)

Introduction to JDBC

Connecting to Databases

Performing CRUD Operations

Transaction Management

Design Patterns

Introduction to Design Patterns

Commonly Used Design Patterns

- Singleton Pattern
- Factory Pattern
- Observer Pattern

Frameworks Layer

J2EE Fundamentals

- Introduction to J2EE
- Client-Server Architecture
- Web Application Architecture

Introduction to Java Frameworks

Hibernate Framework

- What is ORM?
- Introduction to Hibernate
- Maven Tool
- Hibernate Configuration and SessionFactory
- Entity Mapping
- Hibernate Query Language (HQL)
- Caching and Performance Optimization

Spring Boot Framework

Spring Tool Suite

Setup and Installation

Spring Core and IoC Container

Dependency Injection (DI) in Spring

Autowiring and Annotations

Bean Life Cycle

Aspect-Oriented Programming (AOP) with

Spring

Spring MVC

Spring Boot Actuator

APIs

Spring REST: Web Services

Spring REST: JSON Data Binding

Spring REST API Design Practices

Spring Boot: REST CRUD API with Hibernate

Swagger Documentation

Microservices vs Monolithic Services

Unit Testing in Java

Introduction to Unit Testing and JUnit

Writing Tests and Test Suites

Java Networking

Basics of Networking in Java

Sockets and ServerSocket

Database

Introduction to SQL

Significance of Data

What is a Database & DBMS?

Relational DBMS vs Non-Relational DBMS

What is SQL?

MySQL

MySQL Overview

Data Types and Operators

Constraints

DDL Statements

DML Statements

Stored Procedures and Functions

Indexes and Querying

Triggers

Joins

Normalization

Transaction Management

Subqueries and Nested Queries

Concurrency Control

MongoDB

MongoDB Overview

Different types of Storing the Data

Creating the Collection and Document

Inserting the Values

Different ways of Viewing the Data

Data Modeling

Schema Design

Replica

Index

Sharding

CRUD Operations

Aggregation Framework

Oracle

Overview of Oracle Database

Data types in Oracle

DDL commands: CREATE, ALTER, DROP

DML commands: INSERT, UPDATE, DELETE,

TRUNCATE

Queries and Sub-queries

Constraints

Python Full Stack Course Curriculum Index

Introduction Layer

- Software Development Life Cycle
- Fundamentals of Python Programming
- Operators
- Data Types
- Accepting User Input via Console

Logical Layer

- Control Constructs
- Functions and Lambda Expressions
- Lists and Related Programs
- Strings and Related Programs
- Tuples and Related Programs
- Dictionaries and Related Programs
- Sets and Related Programs
- Solving Problems with Recursion in Python
- Time and Space Complexity
- HackerRank Problem Solving
- LeetCode Problem Solving

Conceptual Layer

- Classes and Objects
- Main Method and Its Syntax
- Object-Oriented Programming Principles
- Encapsulation
- Constructors
- Inheritance
- Method Overriding
- Access Modifiers
- Polymorphism
- Abstraction using Abstract Class
- Abstraction using Interfaces
- Exception Handling
- Multithreading
- Collections Framework

File Handling and Databases in Python

- File Operations
- SQLite3
- PyMongo

Advanced Python Concepts

- List Comprehensions
- Dictionary Comprehensions
- Data Mangling
- Magic Methods

Python Frameworks

- Django Framework
- Flask Framework

Django Framework

- Project Structure and Configuration
- URL Routing and Views
- Models and Databases
- Django Admin Interface
- Building Dynamic Web Forms
- Django Templates
- Django Authentication and Authorization

APIs

- REST APIs with Django Rest Framework
- JSON Data Binding
- API Design Practices
- Swagger Documentation

Unit Testing in Python

- Introduction to Unit Testing and pytest
- Writing Tests and Test Suites

Python Networking

Basics of Networking in Python
Sockets and ServerSockets

Database

Introduction to SQL
MySQL
MongoDB
PostgreSQL

Front End Technologies

HTML
CSS
JavaScript

Version Control

Git and Version Control

React [value addition]

Introduction to React
Setup and Installation
JSX Syntax
State and Lifecycle Methods
Handling Events in React
Forms and Input Validation
React Router and Client-Side Routing
Redux for State Management
Asynchronous Programming
HTTP Protocol and RESTful APIs
Testing in React
Jest
React Testing Library
React Developer Tools
Redux Dev Tools

Soft Skills

Corporate Skills
Aptitude

Additional Skills

Manual Testing
Automation Testing

Aptitude Curriculum Index

Number System

- Number System Basics
- Divisibility Rules
- Remainder Concept
- LCM and HCF
- Unit Digit

Ratio and Percentage

- Partnership
- Problems on Ages
- Percentage
- Profit and Loss
- Discount
- Simple Interest
- Compound Interest
- Average
- Mixture and Alligation

Work, Time, and Distance

- Time and Work
- Time and Distance
- Area and Mensuration

Counting

- Permutations and Combinations
- Probability

Letter and Number Based Reasoning

- Find the Wrong Number
- Coding and Decoding
- Number Series
- Odd Man Out
- Missing Number

Calculative Reasoning

- Clocks
- Calendars
- Ranking

Non-Verbal Reasoning

- Missing Letter
- Mirror Images
- Figure Based Problems

Verbal Reasoning

- Blood Relations
- Direction Sense
- Venn Diagrams
- Syllogism
- Seating Arrangements
- Truth and Lie Based Problems

Data Interpretation

- Data Interpretation
- Data Sufficiency

Corporate Skills Curriculum Index

- **Introduction to Corporate Skills**
 - Importance of Corporate Skills
 - Overview of Corporate Environment
- **Resume Customization**
 - Crafting an Effective Resume
 - Tailoring Resume for Specific Job Roles
 - Highlighting Key Skills and Achievements
- **Corporate Etiquette**
 - Professional Behavior and Conduct
 - Dress Code and Appearance
 - Email and Telephone Etiquette
- **Networking Activity**
 - Building Professional Relationships
 - Effective Networking Techniques
 - Leveraging Social Media for Networking
- **Reading and Analyzing**
 - Comprehending Professional Documents
 - Analytical Reading Skills
 - Summarizing and Reporting Information
- **Building Conversations**
 - Effective Communication Skills
 - Small Talk and Conversation Starters
 - Active Listening Techniques
- **Group Discussions (GD) / Just a Minute (JAM) Sessions**
 - Participating in Group Discussions
 - Techniques for Effective JAM Sessions
 - Articulating Thoughts Clearly and Concisely
- **HR/Managerial Round Preparation**
 - Common HR Interview Questions
 - Preparing for Managerial Round Interviews
 - Answering Behavioral and Situational Questions
- **Presentation Skills**
 - Structuring Effective Presentations
 - Using Visual Aids and Tools
 - Public Speaking and Audience Engagement
- **LinkedIn Profile Optimization**
 - Creating a Professional LinkedIn Profile
 - Networking on LinkedIn
 - Leveraging LinkedIn for Career Opportunities

Minor Projects

Java Full Stack

- 1.Event Management System
- 2.Online Quiz Application
- 3.Virtual Classroom
- 4.Book Recommendation System
- 5.Ticket Reservation System
- 6.Employee Leave Management System
- 7.Online Polling System
- 8.Task Scheduler
- 9.News Aggregator
- 10.Restaurant Reservation System
- 11.Library Management System
- 12.Personal Expense Tracker
- 13.Weather Forecasting App
- 14.Movie Review System
- 15.Chat Application
- 16.Gym Management System
- 17.File Sharing System
- 18.Online Forum
- 19.Vehicle Parking Management System
- 20.Survey Management System

Python Full Stack

- 1.Recipe Sharing Platform
- 2.Fitness Tracker
- 3.Digital Diary
- 4.Virtual Assistant
- 5.To-Do List Application
- 6.Budget Planner
- 7.Customer Feedback System
- 8.Online Portfolio
- 9.Recipe Finder
- 10.Real Estate Listing
- 11.Blogging Platform
- 12.Task Management App
- 13.Online Voting System
- 14.Food Calorie Tracker
- 15.Personal Finance Manager
- 16.Bookstore Inventory System
- 17.Online Examination System
- 18.E-commerce Product Review System
- 19.Movie Recommendation System
- 20.Daily Planner

Contact Us For Customized Projects

Major Projects

Java Full Stack

1. Job Portal
2. Online Food Delivery System
3. Crowdfunding Platform
4. Banking System
5. Healthcare Appointment System
6. Supply Chain Management System
7. E-learning Platform
8. Hotel Booking System
9. Online Auction System
10. Vehicle Rental System
11. Social Media Platform
12. E-commerce Website
13. Online Learning Management System
14. Warehouse Management System
15. Customer Relationship Management (CRM) System
16. Real Estate Management System
17. College Management System
18. Payroll Management System
19. Enterprise Resource Planning (ERP) System
20. Online Ticket Booking System

Python Full Stack

1. Inventory Management System
2. Smart Home Automation System
3. Online Examination System
4. Hospital Management System
5. Travel Management System
6. E-commerce Platform
7. Restaurant Management System
8. Content Management System
9. Student Management System
10. Telemedicine System
11. Healthcare Management System
12. Real-Time Chat Application
13. Online Learning Management System
14. Event Management Platform
15. Library Management System
16. Online Voting System
17. Banking System
18. Job Portal
19. Freelance Marketplace
20. Human Resource Management System

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Machine Learning Projects

1. Image caption generator
2. Student information chatbot
3. Restaurant help chatbot
4. Plant parenting and diseases detection
5. Crop yield prediction.
6. Road Accident detection and send notification to email 72% accuracy
7. Fake news detection
8. Multiple disease prediction
9. House construction cost prediction ,based on the cost recommend house plans
10. Ai nutritionist
11. Ai dietitianist
12. Note genius(user input some topics based on that it will generate notes)
13. Skin disease detection
14. Pcos(using instances and also the image based detection)
15. Resume analysis
16. Petopia(pet training, vetarnary recommend, food recommend)
17. Fetal birth weight estimation.
18. Expense tracker(from the csv file and send email if the expense is high)

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Academic projects and Internships

Internships

Computer Science Engineering

- Web Development
- Digital Marketing
- Machine Learning
- Android App Development
- Java & Automation Testing using Selenium

MBA Internships

- HR
- Finance
- Marketing

Electronics Engineering

- Embedded Systems
- IoT
- Robotics

Technology We Cover

- Android
- .NET
- Java / JEE
- Python
- Embedded Systems
- IoT
- Wireless Communication

Academic Projects

- BCA Final Year Projects
- B.Sc Final Year Projects
- BE Final Year Projects
- MCA Final Year Projects
- M.Sc Final Year Projects
- B.Sc Final Year Projects
- M.Sc Final Year Projects

Embedded Projects Domain

- Machine Learning
- Artificial Intelligence
- IoT
- Micro Controllers (Raspberry Pi / Arduino / ARM Processor)
- VLSI
- Matlab / VLSI

Software Projects Domain

- Java
- Machine Learning
- Artificial Intelligence
- Block Chain
- Data Science
- PHP
- IoT

Potential Roles

Packaged Courses

- Java Developer
- Software Engineer
- Software Developer
- UI/UX Developer
- SQL Developer
- Full Stack Engineer
- Test Engineer
- QA Analyst
- Python Developer
- Software Tester

Data Science

- Data Scientist
- Machine Learning Engineer
- Machine Learning Scientist
- Applications Architect
- Enterprise Architect
- Data Architect
- Infrastructure Architect
- Data Engineer
- Business Intelligence (BI) Developer
- Statistician
- Data Analyst

CCNA

- Network Engineer

DevOps

- DevOps evangelist
- DevOps release manager
- DevOps automation architect
- DevOps software developer/tester
- DevOps operations engineer/QA professional
- DevOps security engineer

Amazon Web Services (AWS)

- AWS Developer

MEAN / MERN Stack

- UI/UX Developer
- MEAN Stack Developer
- Database Engineer

MBA Courses

- HR Strategies
- HR Compliance
- Training & Development
- Organizational Development & Behavior
- Leave & Attendance
- Payroll
- Employee Engagement & Budget
- Policy & Procedures

Elevate Your Skills with Codonacci Full Stack Development

Duration: Embark on a transformative journey of 6 Months with our comprehensive Full-Stack Development Program. This tailored duration ensures you gain proficiency in all necessary skills, apply them practically, and balance your learning with daily responsibilities.

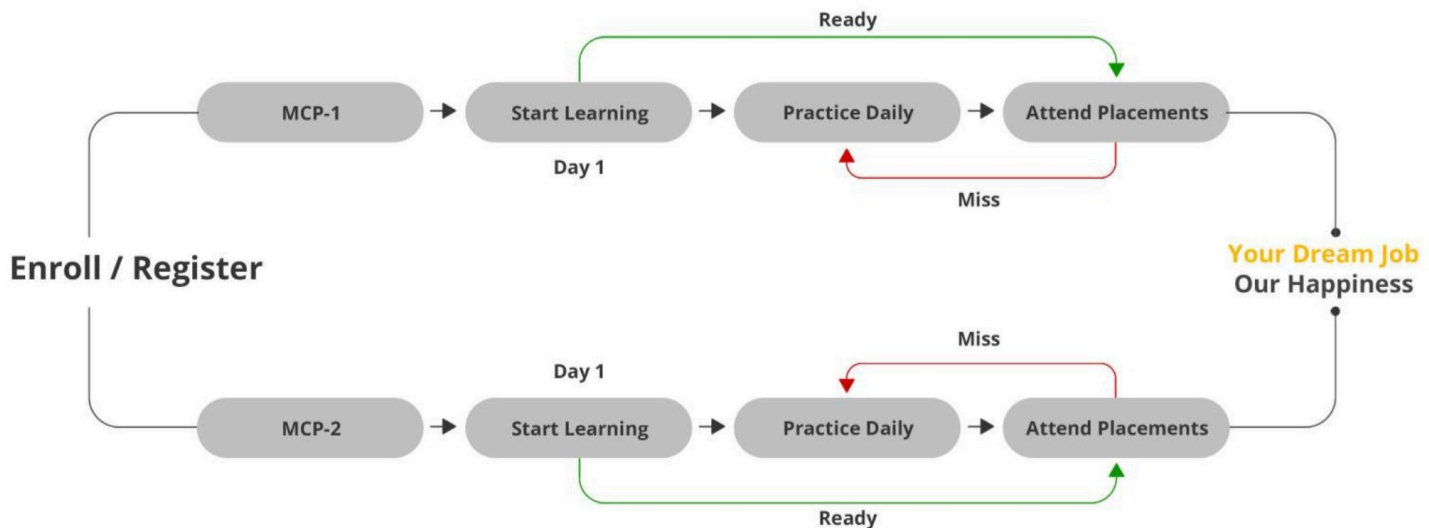
Eligibility: Whether you're a beginner, intermediate, or professional, you are welcome here! All you need is a Bachelor's Degree with a minimum of 50% or equivalent passing marks. We'll help you navigate the rest.

Program Fees: Elevate your career with our cost-effective program fees. For digital natives preferring the online mode, the cost is just INR 19,999/-. For those who prefer the traditional classroom experience, the offline mode is available at INR 24,999/-. These inclusive fees cover everything you need to fuel your coding ambitions!



Where Our Graduates Are Making an Impact

Pathway to Achievement



Let's Get in Touch



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