

KodNest

Offline & Online



Java and Python Full Stack Development



CONTENTS

01

About KodNest

03

Why Full Stack Development?

05

Why KodNest?

08

Career paths offered

09

KodNest Premium Full Stack Module

22

Projects

25

Unlock Your Potential



Transforming Tech Education





Transforming Tech Education

In a world that's constantly evolving, dreams are the sparks that ignite the flame of change. At KodNest, 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 KodNest 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 KodNest, 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 KodNest, 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.

At KodNest, we're not just committed to your education - we're committed to your success. With our industry-aligned curriculum, state-of-the-art infrastructure, and unparalleled placement support, we ensure that the world of opportunities is at your fingertips. So, step into the world of KodNest and let us together redefine what's possible. Because at KodNest, we believe that every dream deserves a chance to soar.

Welcome to KodNest - where dreams meet determination, and aspirations meet achievement. Welcome to your future in tech.

Join us at KodNest. Let's dream, learn, innovate, and succeed - together.

Why Full Stack Development?

Embrace the Future, Master the Art of Coding



Why Full Stack Development?

Embrace the Future, Master the Art of Coding

In the ever-evolving landscape of technology, versatility isn't just an advantage - it's a necessity. It's the power to adapt, to grow, and to meet every challenge head-on. Full Stack Development embodies this ethos, opening a world of endless possibilities.

At KodNest, we have meticulously curated our Full Stack Development course using Java, Python, React, MongoDB, MySQL, HTML, CSS, JavaScript, and Unit Testing to help you navigate the exciting path of tech advancements.

Java and Python are the heart of our programming module. Java is the powerhouse behind countless business applications, while Python is the go-to for data science and machine learning. **React** is the trendsetter in modern user interface development. **MongoDB and MySQL**, the unsung heroes, manage and manipulate data in the background. And **HTML, CSS, and JavaScript**, the building blocks of the web, enable you to bring your creative visions to life. Lastly, we incorporate **Manual Testing** to ensure you can deliver impeccable, bug-free code.

At KodNest, we recognize the burgeoning demand for Full-Stack Developers in India, a trend that aligns with NASSCOM's recent report. The report projects the Indian IT-BPM industry to escalate at a CAGR of 8.5%, attaining a value of \$227 billion by 2025. This surge is attributed to the widespread integration of digital technologies by businesses spanning various sectors.

The remuneration for a Full-Stack Developer in India averages around INR 3-6 lakhs per annum, but we believe that our well-trained graduates can command higher salaries. This conviction stems from the comprehensive skill set our students acquire at KodNest, which sets them apart in the market. However, we acknowledge that variables like experience, specific skills, and location can influence the exact salary figures.

At KodNest, we guide you through this journey, ensuring you emerge as a skilled Full Stack Developer ready to make your mark in the tech world.

Why KodNest

Because Your Tech Career Deserves the Best



Why KodNest



Your Path to Excellence

Unleash your potential with KodNest, where we don't just teach - we inspire. We empower you to dream, dare, and conquer the tech world with confidence and proficiency.



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 are not bound by finances.



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 KodNest.



Technology-Driven Learning

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



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.



Our Courses

We offer two comprehensive courses - MCP1 (Java and Python Full Stack Development) and MCP2 (KodNest Premium Testing Module), designed to equip you with the essential skills for software development and testing.



Our Clientele

Our students have been placed in reputed companies across the industry, including Altimetrik, Amazon Data Services India Private Limited, Altisource, Capgemini, IBM, Intellect Design Arena Limited, and many more.



Lifetime Access to Course Materials

Knowledge is timeless, and so is our course material. Gain lifetime access to course materials and stay updated, always.

Career Paths Offered

MCP - 1

KodNest Premium Full Stack Module

- ✓ Java
- ✓ Python
- ✓ DSA
- ✓ Database
- ✓ Aptitude
- ✓ Front-End Development
- ✓ Manual Testing

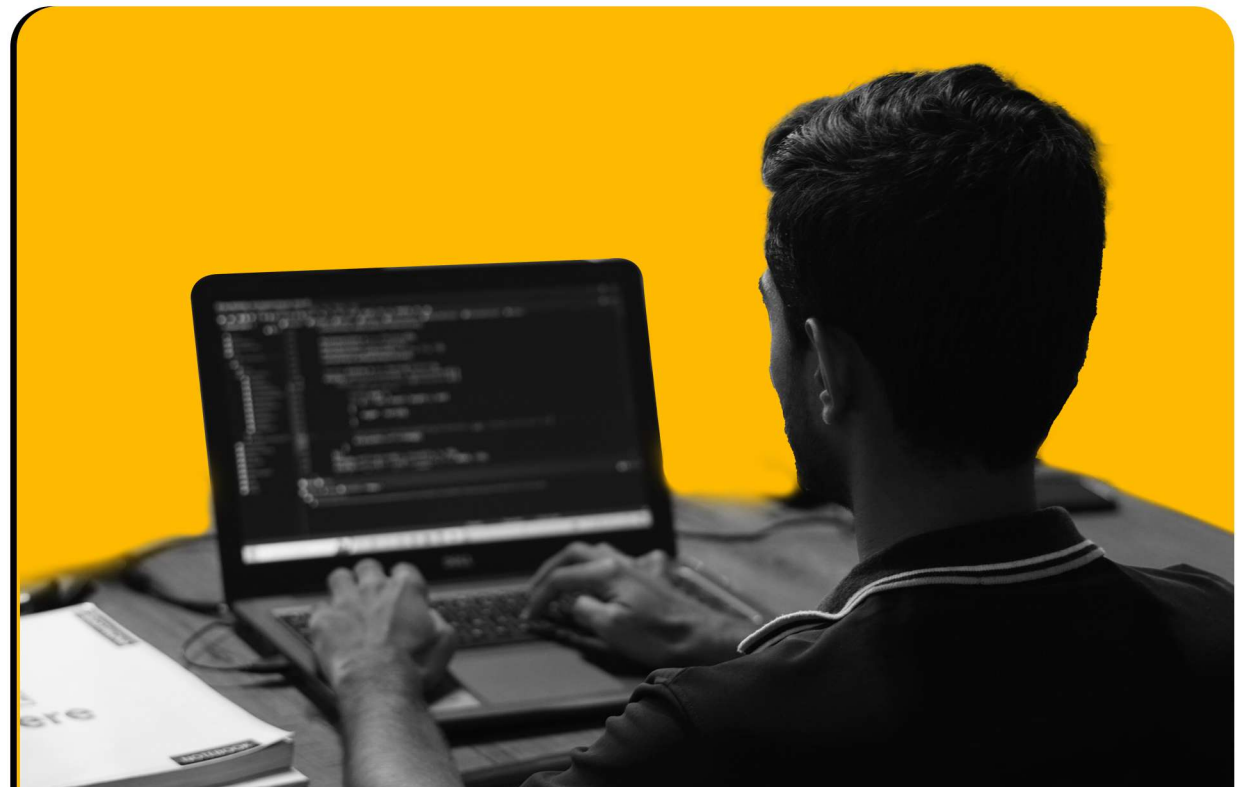
MCP - 2

KodNest Premium Testing Module

- ✓ Manual Testing
- ✓ Database
- ✓ DSA
- ✓ Automation Testing
- ✓ Front-End Development
- ✓ Java
- ✓ Aptitude

Tech-Stack

KodNest Premium Full Stack Module



INTRODUCTION LAYER

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

LOGICAL LAYER

- **Control Constructs**
- **Methods and Method Overloading**
- **Arrays and related programs**
- **Strings and related programs**
- **Packages**
- **Solving Problems with Recursion in Java**
- **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**

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

FRAMEWORKS LAYER

- J2EE Fundamentals
- Client Server Architecture
- Web Application Architecture
- Introduction to Java Frameworks

HIBERNATE FRAMEWORK

- What is ORM?
- Introduction to Hibernate Framework

- 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

API'S

- Spring REST: WebServices
- Spring REST : JSON Data Binding
- Spring REST : API Design Practices
- SpringBoot : REST CRUD API with Hibernate
- Swagger Documentation
- Microservices v/s Monolithic services

UNIT TESTING IN JAVA

- Introduction to unit testing and JUnit
- Writing test cases and test suites

JAVA NETWORKING

- Basics of networking in Java
- Sockets and ServerSockets

INTRODUCTION TO SQL

- Significance of Data
- What is a Database & DBMS?
- Relational DBMS v/s Non-Relational DBMS
- What is SQL?

MYSQL

- MySQL Overview
- DataTypes 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

INTRODUCTION

- Front End Technologies Overview
- Introduction to HTML, CSS, and JavaScript
- Tools and Softwares for Web Development
- Web Development Frameworks Overview

HTML

- HTML Syntax and Structure
- HTML Tags
- HTML Forms and Input Validation
- Accessibility and Semantic
- HTML5 New Features

CSS

- CSS Syntax and Selectors
- Box Model and Layout
- Typography and Fonts
- Transitions and Animations

- Responsive design with CSS media queries
- CSS Pre-Processors
- CSS Frameworks

JAVASCRIPT

- Introduction to JavaScript
- Variables
- Data types and Operators
- Control flow and Conditional Statements
- Loops and Iterations
- Functions and Scope
- Events and Event Handlers
- Closures
- Promises
- Async/await
- ES6+ features

GIT AND VERSION CONTROL

- Introduction to Git
- Committing changes
- Pushing to a remote repository
- Dealing with merge conflicts
- Git installation and setup
- Basic operations in Git
- Branching and Merging
- Pushing to remote repositories
- Dealing with merge conflicts

REACT

- Introduction to React
- Setup and installation
- JavaScript Frameworks and Libraries
- JSX syntax
- State and Lifecycle Methods

- Handling Events in React
- 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

- Introduction to testing React components
- Jest
- React Testing Library

REACT DEVELOPER TOOLS

- Redux DevTools
- React DevTools

PYTHON INTRODUCTION

- Fundamentals of Python Programming
- Object Orientation
- Data types
- Control Constructs
- Features of Python
- Introduction to Data types

PYTHON DEEP DIVE

- String overview
- String manipulation
- String in-built methods
- Encapsulation
- Constructors
- Inheritance
- Method Overriding
- Polymorphism

- Access Modifiers
- Decorators
- Operator Overloading
- Magic Methods
- Methods

FILE HANDLING AND DATABASES IN PYTHON

- File Operations
- SQLite3
- PyMongo

ADVANCED PYTHON CONCEPTS

- Functions & Lambda in Python
- Comprehension in Python
- Abstraction
- Modules
- Data Mangling

- Exception Handling
- Multithreading

PYTHON FRAMEWORKS

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

NUMBER SYSTEM

- Number System Basics
- Divisibility Rules
- Remainder Concept
- L.C.M. and H.C.F
- Unit digit

RATIO AND PERCENTAGE

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

WORK, TIME AND DISTANCE

- Time and Work
- Time and Distance
- Area Mensuration

COUNTING

- Permutations and Combinations
- Probability

LETTER AND NUMBER BASED REASONING

- Find the wrong number
- Coding 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

- Data Interpretation
- Data Sufficiency

INTRODUCTION TO SOFTWARE TESTING

- Software Testing Overview
- Roles and Responsibilities of a Testing Engineer
- Testing methodologies
- Testing levels
- Types of Testing

MANUAL TESTING

- Test Case Design Techniques
- Test Planning and Execution
- Defect Tracking and Management
- Test documentation
- Quality Assurance and Quality Control
- Risk-Based Testing and Test Prioritization
- JIRA and its Applications

AUTOMATION TESTING

- Benefits and Drawbacks of Automation Testing
- Test automation process
- Test automation tools
- Automation Testing Frameworks
- Page Object Model (POM)
- Continuous Integration and Continuous Testing
- Applications of Stacks

SELENIUM WEBDRIVER

- Selenium WebDriver architecture
- Introduction to selenium
- Setup and Installation
- Launching browser
- Handling web elements

- Locators in Selenium
- Controlling keyboard activities
- Controlling mouse activities
- Action
- Synchronization in Selenium
- Frames and Alerts
- Types of Wait

API TESTING

- API Testing Concepts
- API Testing Tools
- Test Case Design for API Testing
- Automation of API Testing

DSA

ARRAY DATA STRUCTURE

- Introduction to Arrays
- Operations on Arrays
- Multidimensional Arrays

STACK DATA STRUCTURE

- Introduction to Stacks
- Stack Operations
- Applications of Stacks

QUEUE DATA STRUCTURE

- Introduction to Queues
- Queue Operations
- Types of Queues
- Applications of Queues

CIRCULAR QUEUE DATA STRUCTURE

- Introduction to Circular Queues
- Circular Queue Operations

SINGLY LINKED LIST DATA STRUCTURE

- Introduction to Singly Linked Lists
- Operations on Singly Linked Lists

DOUBLY LINKED LIST DATA STRUCTURE

- Introduction to Doubly Linked Lists
- Operations on Doubly Linked Lists

TREE DATA STRUCTURE

- Introduction to Trees
- Types of Trees
- Tree Traversal
- Applications of Trees

SEARCHING AND SORTING ALGORITHMS

- Binary Search
- Quick Sort
- Merge Sort
- Insertion Sort
- Selection Sort
- Bubble Sort
- Radix Sort
- Heap Sort

GENERAL ALGORITHMS

- Dynamic Programming
- Greedy Algorithms
- Backtracking Algorithms
- Divide and Conquer Algorithms

Projects

Minor Projects

 **EventBeam**

 **BudgetPulse**

 **WeatherWise**

Major Projects

 **LearnSphere**

 **TuneHub**



Minor Projects



EventBeam - JavaFX, Java, SQLite. Never miss an important event again! EventBeam keeps your special dates, appointments, and social events in order with a visually stunning and intuitive JavaFX interface. Manage your life with ease using Java for back-end logic and SQLite for efficient data storage.



BudgetPulse - JavaFX, Java, SQLite. Achieve your financial goals by tracking every dollar spent. With BudgetPulse, gain insights into your expenses, progress, and savings with powerful data visualization. Designed with JavaFX for a sleek interface, Java for back-end processing, and SQLite for data storage, this app helps you transform your financial habits.



WeatherWise - JavaFX, Java, REST APIs (weather APIs). Stay one step ahead of Mother Nature with WeatherWise, an engaging weather app that provides hyper-accurate forecasts and real-time data sourced from global meteorological networks. Built with JavaFX for a visually appealing interface, Java for processing, and REST APIs for retrieving live weather data, WeatherWise turns weather tracking into a delightful experience.

Major Projects



LearnSphere - React, Java (Spring Boot), MySQL (or MongoDB). Explore a universe of knowledge with LearnSphere, the revolutionary online learning platform that connects students, teachers, and resources in an interactive community. Using React for an immersive front-end, Java (Spring Boot) for a robust back-end, and MySQL or MongoDB for expansive data storage, LearnSphere empowers lifelong learning in the digital age.



TuneHub (Music Streaming Service) - React, Java (Spring Boot), MySQL (or MongoDB). Discover a world of music on TuneHub, the ultimate music streaming service giving users access to their favorite tunes, artists, playlists, and social sharing features. Designed with React for an engaging interface, Java (Spring Boot) for a feature-rich back-end, and MySQL or MongoDB for storing user data and music collection, TuneHub harmoniously transports you into the realm of music.

Unlock Your Potential with KodNest Full-Stack Development Program



Unlock Your Potential with KodNest Full-Stack Development



Duration: Embark on a transformative journey of **100 working days** with our all-encompassing Full-Stack Development Program. This tailored duration ensures you acquire proficiency in all necessary skills, apply them pragmatically, all while harmonizing your learning with your daily responsibilities.











































Eligibility: Beginners, intermediates, professionals - all are welcome here! All you need to join this tech revolution is a **Bachelor's Degree** with a minimum of **50%** or equivalent passing marks. We'll help you navigate the rest.



Program Fees: Boost your career trajectory with our cost-effective program fees. For the digital natives preferring online mode, it's just **INR 26,999/-**, and for the traditional learners choosing offline mode, it's **INR 29,999/-**. These inclusive fees cover everything you need to fuel your coding ambitions!

CLIENTS WHO TRUST US

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AND MANY MORE...

Student Success Stories

**BALRAM ROY**

Trainee software Engineer at Citius Tech

"I had a dream of becoming successful and standing on my own feet. My name is Balram Roy, and I hail from West Bengal. I believed that kodnest could help me turn my dream into reality by assisting me in finding my dream job."

**VIJAYA MUDIVEERANNAVAR**

Member Technical at Broadridge

"Kodnest transformed my Java journey from fear and doubt to empowerment and opportunity. Their support and resources fueled my confidence and opened doors to a brighter future"

**SANJAY C**

Graduate Trainee at DAIMLER TRUCK

"Kodnest fueled my ambition to succeed, providing unwavering commitment and comprehensive training in various programming languages. They paved the way for my skill enhancement and career advancement."

**LAXMIPRIYA**

Q A Engineer at Dish Networks

"Fueling my childhood fascination with computers, I embarked on the path of Electronics and Communication Engineering, guided by the belief that it would lay a strong foundation for my technological pursuits."

**ASHUTOSH JHA**

Graduate Trainee at DAIMLER TRUCK

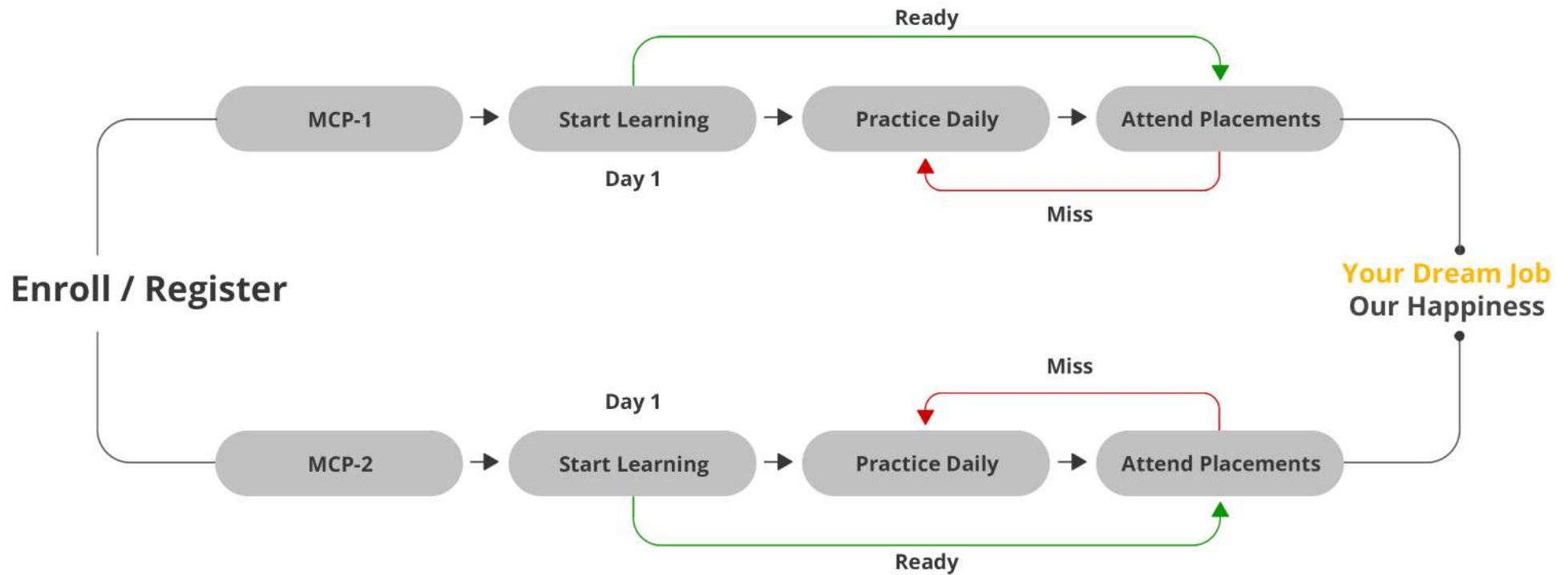
"Embracing the power of hard work and determination, I, Ashutosh Jha, ventured beyond my comfort zone, leaving behind familiar surroundings to pursue my UG in Punjab. I relentlessly sought new opportunities and embraced challenges along my journey."

**SAHANA Y S**

Associate Software Engineer at BOSCH

"I'm Sahana, an enthusiastic student with a strong drive to achieve something meaningful in life. Since I've always wanted to be a developer, I was actively searching for the right opportunity to kick-start my career."

Step to Success



Let's **Connect** Through



KodNest Private Limited.

CPR Tower, 4th & 5th Floor, above Reliance Fresh,
Stage 2, BTM Layout, Bengaluru, Karnataka 560076

 +91 8095 000 123

 hello@kodnest.com