

S	01
	03
	06
 	07
ō	21
O	23

About KodNest
Why KodNest?
Your Career paths
Tech - Stack
Projects
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 KodNest

Because Your Tech Career Deserves the Best



www.kodnest.com

95

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-Fueled, Career-Focused Learning

At KodNest, technology isn't just a tool—it's the engine powering your entire journey from learning to landing your dream job. Our exclusive, Al-driven K-App is your one-stop solution for immersive courses, real-time practice, cutting-edge tech exploration, community support, doubt resolution, and streamlined placements. Everything you need to succeed is right 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.



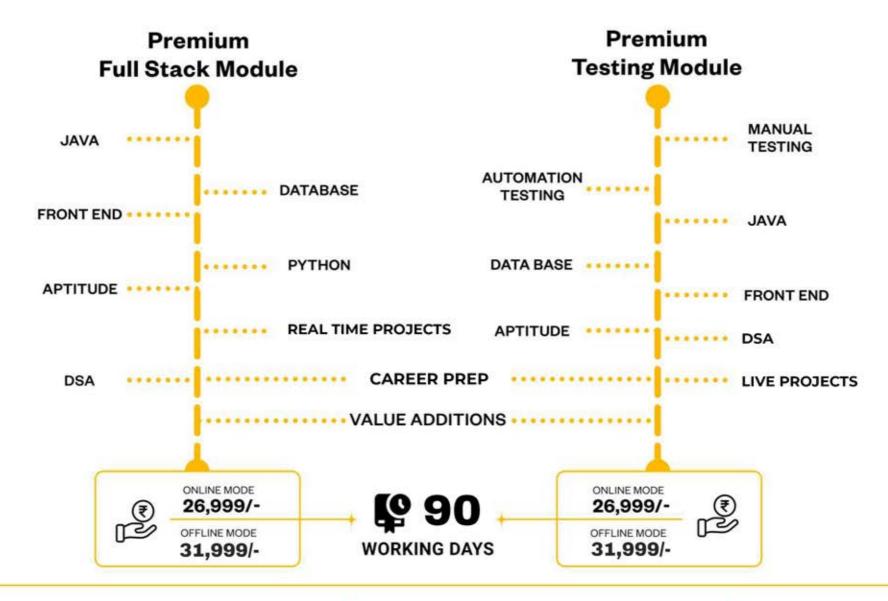
Lifetime Access to Course Materials

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





Your Career Paths







Tech-Stack

KodNest Premium Course Modules





JAVA FUNDAMENTALS

- Introduction to Java
- Basics of Programming in java
- **Data types**
- Operators
- Methods
- **Cracking Coding (Beginners)**

DIVING INTO OOPS

- Introduction to OOP
- Static
- Inheritance
- Constructors
- **Encapsulation**
- Polymorphism
- Abstraction
- **Packages**

PROGRAMMING ESSENTIALS

- Control constructs
- **Cracking Coding (Intermediate)**

DATA STRUCTURES & ALGORITHMS

- Arrays
- **Algorithms**
- Strings
- Collections framework
- Cracking Coding (Advanced)

ADVANCED JAVA

- **Exception handling**
- **Multi-threading**



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 LAYERS

- 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

MCP 1 MCP 2

INTRODUCING TO SQL

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

My SQL

- MySQL Overview
- **DataTypes and Operators**
- Constraints
- **DDL Statements**
- **DML Statements**
- Stored Procedures and Functions
- **Indexes and Querying**
- **Triggers**
- Joins

MCP1 MCP2

- 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
- Constraints
- DDL commands: CREATE, ALTER, DROP
- DML commands: INSERT, UPDATE, DELETE, TRUNCATE
- Queries and Sub-queries
- Database Objects

www.kodnest.com



MODULE 1: THE WORLD OF WEB DEVELOPMENT

Basics of Front-End Development

MODULE 2: HTML: STRUCTURING A WEB PAGE

- Getting Started with HTML
- HTML Basic Tags
- Lists in HTML
- Tables in HTML
- Multimedia Tags in HTML
- More HTML Elements
- HTML Forms
- Semantic Tags
- SEO basics

MODULE 3: CSS - STYLE A WEB PAGE

- Getting Started with CSS
- CSS Basics

- CSS Box Model
- Positioning and Flexbox
- Grid Layouts
- Responsive Design
- Transitions and Animations

MODULE 4: JAVASCRIPT - PROGRAMMING THE WEB

- Introduction to JavaScript
- Control Structures
- Functions and Scope
- Promises & Closures
- DOM Manipulation
- Events and Event Handling
- Arrays and Objects
- Asynchronous JavaScript



MCP 1 MCP 2

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

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
- Features of Python
- Data types
- Control Constructs
- Methods
- Object Orientation

PYTHON DEEP DIVE

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

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

FILE HANDLING AND DATABASES IN PYTHON

- File Operations
- SQLite3
- PyMongo

ADVANCED PYTHON CONCEPTS

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



MCP

- 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

G MCP1 MCP2

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

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





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 LINKED LIST 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

MCP1 MCP2

TITUDE

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**

CALCULATING 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**

CORPORATE SKILLS

- **Introduction To Corporate Skills**
- **Resume Customization**
- **Corporate Etiquettes**
- **Networking Activity**
- Reading & Analysing
- **Building Conversations**
- GD/JAM
- HR / Managerial Round
- **Presentation & LinkedIn**
- Verbal



Projects

- JAVA Projects
- Testing Projects
- SQL Project
- Front-End Technologies Projects
- Python Projects







Java Projects

1. BankSecure Pro

Description: Build expertise in creating banking platforms with BankSecure Pro, a Java-based solution offering comprehensive tools for bank operation management, including transactions and customer interaction

2. EduManager 360

Description: Learn to streamline educational management with EduManager 360, integrating student, financial, and administrative functionalities into one efficient platform

3. SalesSavvy

Description: Learn to streamline educational management with EduManager 360, integrating student, financial, and administrative functionalities into one efficient platform





Testing Projects

4. ShopSecure

Description: Engage in ShopSecure, a project focused on rigorous testing of e-commerce web applications. Ensure top-tier functionality, usability, security, and performance for online stores.

2. BugBuster

Description: Discover BugBuster, a project that automates application testing.Enhance efficiency and accuracy in bug detection and ensure high software quality with automated scripts and testing frameworks.





SQL Projects

6. CampusSQL

Description: Learn to build CampusSQL, an SQL-driven system designed to streamline educational administration. Efficiently manage student data, faculty engagement, and course management through a user-friendly database platform.





Front-End Technologies Projects

7. Workfolio

Description: Create a sleek, static website with Workfolio using HTML and CSS. Perfect for showcasing your work, achievements, and personal brand in a compelling format

8. TaskBuddy

Description: Develop an interactive to-do list app with TaskBuddy using HTML, CSS, and JavaScript and React. Manage daily tasks with features like prioritisation, custom categories, and progress tracking

9. KodChat

Description: Build KodChat, an AI-powered chatbot application. Design an intuitive chat UI and implement advanced features to deliver intelligent and responsive conversations





Python Projects

10. GameMaster

Description: Create GameMaster Classic, a desktop application reviving classic arcade games using Python. This multi-game platform blends nostalgic gameplay with contemporary programming techniques

11. MealMate

Description: Develop mealMate, a comprehensive full-stack web application that links diners with local eateries through an efficient online ordering system, built with Python, Django, and modern web technologies







Unlock Your Potential with KodNest









Unlock Your Potential with

KodNest Full-Stack Development



Duration: Embark on a transformative journey of 90 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 31,999/-. These inclusive fees cover everything you need to fuel your coding ambitions!





WHERE OUR ALUMNI WORKS

PayPal	(Informatica	Groww	G• BORNGROUP	⊜ BOSCH	□ carwale	Western Digital
marlabs	MasterCard	Cogno AI	amiti	redBus.in	H GLORAL SERVICES	happlest minds The Mindful (I Company
leadsquared	@emudhra	4 C555	Fi hatio	LG	⊙ TARGET	Clientèle
nissan digital	CONDUENT	GLIDER 🔀	** THIS	NEC Software Solutions India	♦ ZETA	PrimeSoft
intellect	naaptol	jade	SUBEX	Neutana	amdocs	ALTIMETRIK
DAIMLER TRUCK	digit	Atos	ıntuıt	birlasoft	amazon	▲ aptean





TOSHIBA	NTT DaTa Trusted Global Innovator	SASKEN	pratian connect to infinity	Thermo Fisher SCIENTIFIC	Prodapt.	publicis sapient	
RAPIDD TECHNOLOGIES	Tech Mahindra	REBIT STATE OF STATE	EMIDS	Persistent	SUN	synchronoss	
UrbanPro	WST Global	welldoc.	/thoughtworks	eurofins	perfaware	35 DASSAULT SUSTEMES	
□ MICRO®	AT&T Business	Netcracker	teradata.	Bentley Atwesday inharmation	Xebia CRISTING ENGINE, ELACOUS	YASH) Technologies Afore than what you think.	
netmeds.com India Ki Pharmacy	ZONO.	BharatPe	GreytHR	AND MANY MORE			



www.kodnest.com



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 MUDIVEERANNANAVAR

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 Enginer 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."

Let's Connect Through















Scan for more details

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