

# TheKiranAcademy

≡javabyKiran≡



Teaching Languages 

हिंदी | English

# MEARN

MongoDB

Express JS

Angular

React JS

Node JSta

## Stack Development Course

## About Our Founder



### Mr. Kiran Digrase

Founder and CEO of "The Kiran Academy"



14 years of experience in the financial IT domain.

Worked with clients



## Why our Course?



155% Highest Hike



₹16 Lakhs Highest Salary



40% Hike In Demand



738+ Hiring Partner



315+ Best Industry Experts



100% Placement Assurance

## Our Success Journey

2014

Established "Java By Kiran" institute at Karve Nagar, Pune.

We Become "The Kiran Academy" From "Java By Kiran"

2018

2020

Opened our 2<sup>nd</sup> Branch at Pimpri Chinchwad

Opened our 3<sup>rd</sup> Branch at Warje, Pune.

2021

2022

Opened our 4<sup>th</sup> Branch at Deccan, Pune.

Opened our 5<sup>th</sup> Branch at Chatrapati Squar, Nagpur.

2023



## About us

### Vision

We bridge the gap by providing skilled professional training to students & help them get placed in the company.

### Our Mission


We empower individuals to up-skill for IT software company. We provide comprehensive **Industry focused** live training.

1. Contact us through our website or visit to the institute
2. Fill out the registration form & career counseling
3. Take admission & collect admission kit
4. Join WhatsApp broadcast message group
5. Join our learning portal
6. Attend online/classroom sessions
7. Take as many mock tests as you need
8. Prepare for the interview alongside a grooming session
9. Participate in job interviews & engage in interview rounds
10. Get placed & secure a job offer

## Our Certifications



# Common Features



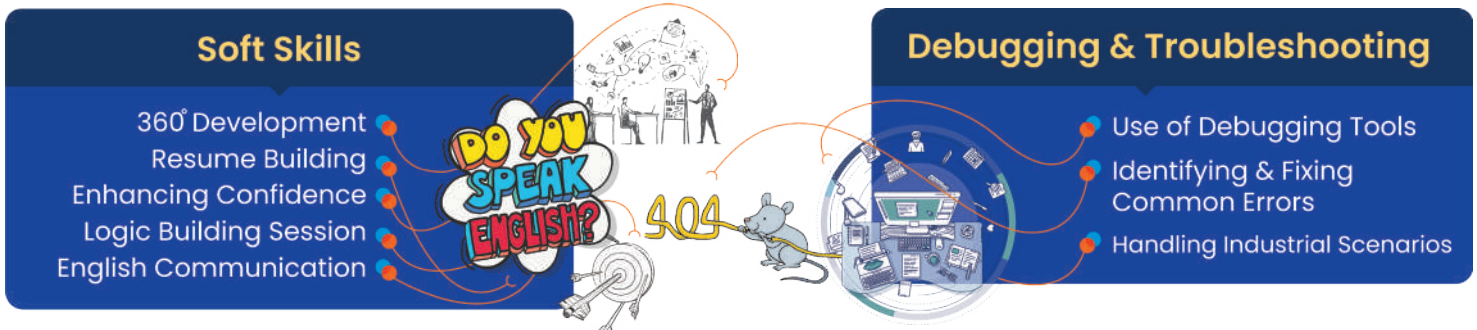
### Test, Assessments & Mocks

- Topic-wise Weekly Test
- Topic-wise Assessments
- Mock Interview Preparation
- One-On-One Discussion
- Interview Feedback On Emails



### Best Practices & Coding Standards

- Naming Conventions
- Code Formatting & Style
- Writing Maintainable & Readable Code
- Code Reusability
- Code Auto-generation
- Real Time Scenarios
- Problem Statements & Solutions




### Soft Skills

- 360° Development
- Resume Building
- Enhancing Confidence
- Logic Building Session
- English Communication

### Debugging & Troubleshooting

- Use of Debugging Tools
- Identifying & Fixing Common Errors
- Handling Industrial Scenarios



### What Makes Us Distinct?

- Exclusive Recorded Sessions
- Flexible Batch Switching Option
- Unlimited Mock Interviews
- 24/7 Live Support
- Personalized One-On-One Discussions
- 100% Transparency
- Comprehensive Technology Packages
- Industry Expert Trainers

## Front-end

1. HTML 5.0

---

2. CSS

---

3. CSS3

---

4. JavaScript

---

5. Bootstrap

---

6. Angular

---

7. React.js

---

## Back-end

1. Node.js

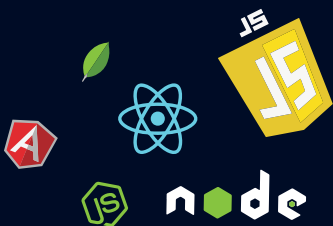
---

2. Express.js

## Database

1. Mongo DB

MEARN



## HTML 5.0

### 1. HTML Basic Tags.....

(paragraph, heading, div, span, iframe, anchor, table, form, list, image)

### 2. HTML 5.0.....

- HTML5 New Input Types
- HTML5 New Input Attributes
- Article
- Summary
- Section
- Data List
- Optgroup
- SVG & Canvas

## CSS | CSS3

### 1. CSS.....

- Inline, External, Internal Style Sheet
- CSS Attributes**  
(display, position, opacity, z-index, box model, float, margin, padding, background, text, fonts, pseudo-class, overflow, inline-block)
- ID & Class Selector
- CSS3 Combinators
- Flexbox
- Media Queries

### 2. CSS3.....

- Transition
- Transformation
- Animation(2D,3D)



## JavaScript

- JS Introduction
- JS Variables & Data Types
- JS Decision Control Statements
- JS Loop, for each, for ..of.
- JS Array & Array Methods
- Map & Filter Functions
- JS String, Date, & Number Objects
- JS Functions, Callbacks, & Arrow Functions
- Let, Var, & Const Keywords
- JS Event & EventListener Method
- JS DOM
- JS Validation (regex)
- JS Object & JSON, Prototypes
- JS Hoisting
- Array Destructuring
- Spread Operator
- JS Promises, Async, & Await

## Bootstrap

- How to Create a Layout in Bootstrap Grid Classes
- Basic Tags in Bootstrap
- Contextual Colors & Backgrounds
- Table in Bootstrap
- Striped Rows, Bordered Table
- Hover Rows, Condensed Table
- Contextual Classes, Responsive Tables
- Navigation Bar in Bootstrap
- Inverted Navigation Bar
- Fixed Navigation Bar
- Navigation Bar with Dropdown
- Right-Aligned Navigation Bar
- Collapsing the Navigation Bar
- Form in Bootstrap, Bootstrap Vertical Form
- Horizontal Form Inline Form
- Carousel, Cards, Models
- Buttons in Bootstrap, Button Styles, Button Sizes
- Block-Level Buttons, Block-Level Buttons, Active/Disabled Buttons
- Images in Bootstrap
- Rounded Corners Image
- Circle Image
- Thumbnail Image



# Angular

- What is Angular & SPA?
- Difference Between Angular & Angular.js
- Advantages
- Angular CLI Installation & Setup Angular Project
- Install Global Packages
- Directives(ngStyle,ngClass,ngIf,ngFor)
- Data Binding(Event Binding, Property Binding, String Interpolation)
- App Component
- User Defined Components & Modules
- Pipes & User-defined Pipes
- Services & Dependency Injection
- Input & Output property
- Routing(server side routing , child routing,wild card routing,nested routing)
- Angular Forms
- Template & Reactive-driven form Validation
- InMemoryWebApiModule
- How to access REST API (JSON server)?



# React.js

- Module REACT.js
- Overview
- Features of React.js Advantages & Limitations
- Environment Setup
- Install Global Packages
- Add Dependencies & Plugins; Run the Server
- React.js Component
- Rendering Function Component, API State
- Props
- Creating a React Component
- Creating a Function Component
- React.js - Events, Simple Example of Child Events.
- React.js - Redux
- Concept of Redux
- React.js - Router
- Install a React Router; Create Components; Add a Router
- HOOKS in React
- Higher-Order Component
- When to Use Hook; Rules of Hook Usage; Hook State
- Hook Effect



# Back-end

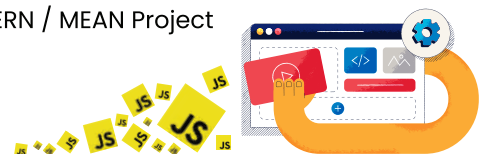
# node JS Node.js & Express.js

## 1. Node.js Modules.....

- Functions
- Module
- Node Package Manager
- What is NPM?
- Installing Packages Locally
- Installing Package Globally
- Adding Dependency in Package JSON
- Updating Packages
- Creating Web Server
- Sending Requests
- Handling HTTP Requests
- File System
- Writing a File Asynchronously
- Other I/O Operations

## 2. Express.js.....

- Configuring Routes
- Working with Express
- Serving Static Resources
- Serving Static Files
- Working with Middle Ware
- Database Connectivity(MongoDB)
- Updating Records
- Working with Select Command
- Deleting Records
- Project Development
- Project Development using Node.js
- Final MERN / MEAN Project







### 1. MongoDB - Overview

- What is NoSQL?
- Describe CRUD
- State the Types of NoSQL
- What is Aggregation?
- Describe Replication & Sharding

### 2. CRUD Operations

- What are CRUD Operations?
- What is Upsert?
- Describe Query Interface
- List the Comparison Operators & Logical Operators
- What are Wrapped Queries & Query Operators?

### 3. Basic Operations

- Crud Operations
- Basic Operations with Mongo Shell
- Data Model
- JSON
- BSON
- MongoDB – Datatypes
- BSON Types
- The `_id` Field
- Document
- Document Store
- Blog: A Bad Design
- Blog: A Better Design



### 4. Aggregations

- Types of Aggregations
- What is Aggregation?
- The `Aggregate()` Method
- Pipeline Concept
- Pipelines
- Pipeline Flow
- Pipeline Operators
- `$match`, `$unwind`
- `$group`, `$project`
- `$skip`, `$limit`
- `$sort`, `$first`
- `$last`, `$sum`

### 5. Indexing

- What is Indexes?
- Different Types of Indexes
- Understand Properties of Indexes
- Explain the Plan in MongoDB
- `Mongostat`
- `Mongotop`
- Logging Slow Queries
- Profiling

### 6. Replication & Sharding

- Understand Replication
- Purpose of Replication
- Understand Replica Set
- Sharding
- Sharding Mechanics
- GridFS

**EAT  
SLEEP  
CODE**

**EAT  
SLEEP  
REPEAT**



Scan to Apply

# Industry's Finest Trainers



## Our Top Courses



**Java Full Stack Development**



**Python Full Stack Development**



**AWS**



**Selenium Software Testing**



**MEARN**  
MongoDB | Express.js  
| Angular | React JS |  
Node.js



**C#.NET**

**Personality Development / Soft Skills**

**English Communication**

# TheKiranAcademy

**\* तमसो मा ज्योतिर्गमय \***



**Higher IT-Courses  
Institute & Placement Centre**

Disclaimer: The information published in this booklet is true to our knowledge and is correct at the time of publishing. Also the picture, photographs, illustrations, facts and figures, quotations, etc. Appearing in this booklet have been collected from various sources and should not be used for any commercial purposes or reproduced in any form without our permission. In the future we may change our information in the brochure for the betterment of our program subject to Maharashtra jurisdiction only. We recommend the students to visit our main branch office or our website for updated information.

**Training Hubs in Pune: Karve Nagar | Deccan | Warje | Chinchwad**

**Corporate Office & Branch**

**Add:** 403, 2<sup>nd</sup> Floor, Park Plaza, above Birla Super Market, State Bank Nagar, Shramik Vasahat, **Karve Nagar**, Pune, Maharashtra 411052

**Branch: Deccan**

**Add:** 2<sup>nd</sup> floor, Rainbow Plaza, Jangali Maharaj Rd, opp Modern High School, Shivajinagar, **Deccan Gymkhana**, Pune, Maharashtra 411005

**Branch: Chinchwad**

**Add:** KUNAL PLAZA, 2nd Floor, Old Mumbai - Pune Hwy, **Pimpri-Chinchwad**, Maharashtra 411019

**Branch: Warje**

**Add:** 1<sup>st</sup> floor, The Kiran Academy, Dr Ambedkar Chowk, above Royal Car Decor, **Warje Jakat Naka**, Warje, Pune, Maharashtra 411058

**Nagpur**

1st Floor, 190/A H.No.227, Ring Rd, near Chatrapati Hall, Chatrapati Nagar, **Nagpur**, Maharashtra 440015

**Helpline No. 9075 777 123**

# MEARN

MongoDB | Express.js  
| Angular | React JS |  
Node.js

Let's Fly  
With Us 



Accredited By Indian Gov. Authorities,  
Recognizing Us For Excellence.

## Our Courses



[www.javabykiran.com](http://www.javabykiran.com) | [www.thekiranacademy.com](http://www.thekiranacademy.com)    