

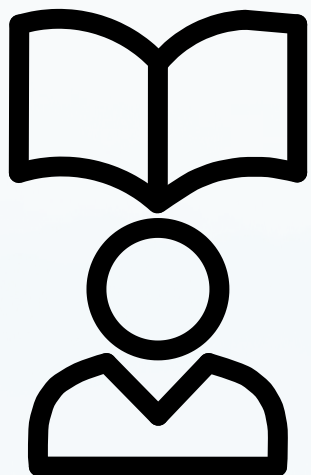
## From Zero to Full Stack Hero in 100 Days

Launch your career as a proficient Java Full Stack Developer in just 100 days. This immersive program fast-tracks you from foundational concepts to advanced skills.



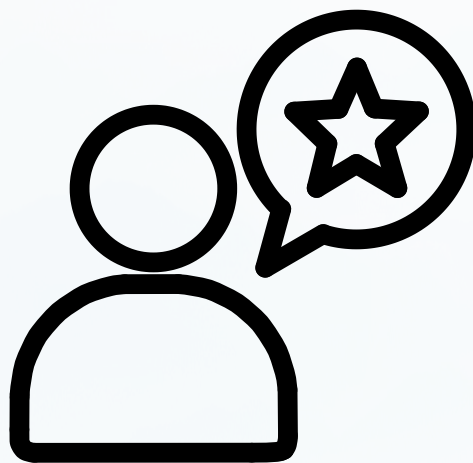


# Learning Approach



## Dynamic Learning Cycle

Immerse yourself in our proven methodology: from foundational **Concepts** to expert **Guided Demos**, followed by practical **Hands-on Labs** and culminating in rewarding **Mini-Projects**.



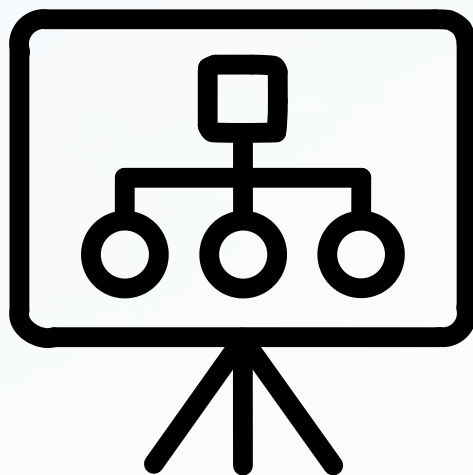
## Personalized Feedback

Accelerate your growth with **weekly code reviews** and tailored feedback sessions designed to refine your skills and ensure continuous improvement.



## Industry-Ready Tools

Gain invaluable experience with essential industry tools like **Git**, **Postman**, **Maven**, and **Docker**, preparing you for real-world development challenges.



## Capstone Mastery

Progressively build your expertise towards a comprehensive **final capstone project**, showcasing your full-stack capabilities and launching your career with confidence.



# Eligibility Criteria

Unlock your potential with ThinkingCode Education! We champion an aptitude-first approach, believing your raw talent and future capabilities are your greatest assets. Your journey begins with the ThinkingCode Admission Test (TCAT), our powerful and unbiased assessment tool.

At ThinkingCode Education, selection is based **solely on aptitude** as measured by the TCAT. **No prior programming knowledge or academic background is required** to join our transformative programs. See how your TCAT score determines your path:

01	02	03
<b>TCAT Score <math>\geq</math> 80%</b>	<b>TCAT Score 60%–79%</b>	<b>TCAT Score <math>&lt;</math> 60%</b>
<b>Direct Admission</b> – You're ready to dive in!	<b>Additional Discussion &amp; Evaluation</b> – Let's explore your potential further.	<b>Not Eligible at this time</b> – We encourage you to refine your skills and try again.

Take the TCAT conveniently at any ThinkingCode Education or Development center. Your results are **securely issued as verifiable credentials on QSeverse**, ensuring your achievements are recognized by our network of partner companies and institutions.

At ThinkingCode, **Eligibility = Aptitude. Selection = TCAT**. Your drive and talent are all you need to succeed – traditional degrees or prior experience **do not influence admission**.

# Phase 1: Building Web Foundations

Days 1-20

## HTML & Semantic Structure

Master document structure, semantic tags, forms, and accessibility basics. Learn to create multi-page websites with clean, professional markup that follows industry best practices.

## CSS & Responsive Design

Build beautiful layouts using Flexbox and CSS Grid. Master responsive design patterns with media queries and Bootstrap for rapid UI development across all devices.

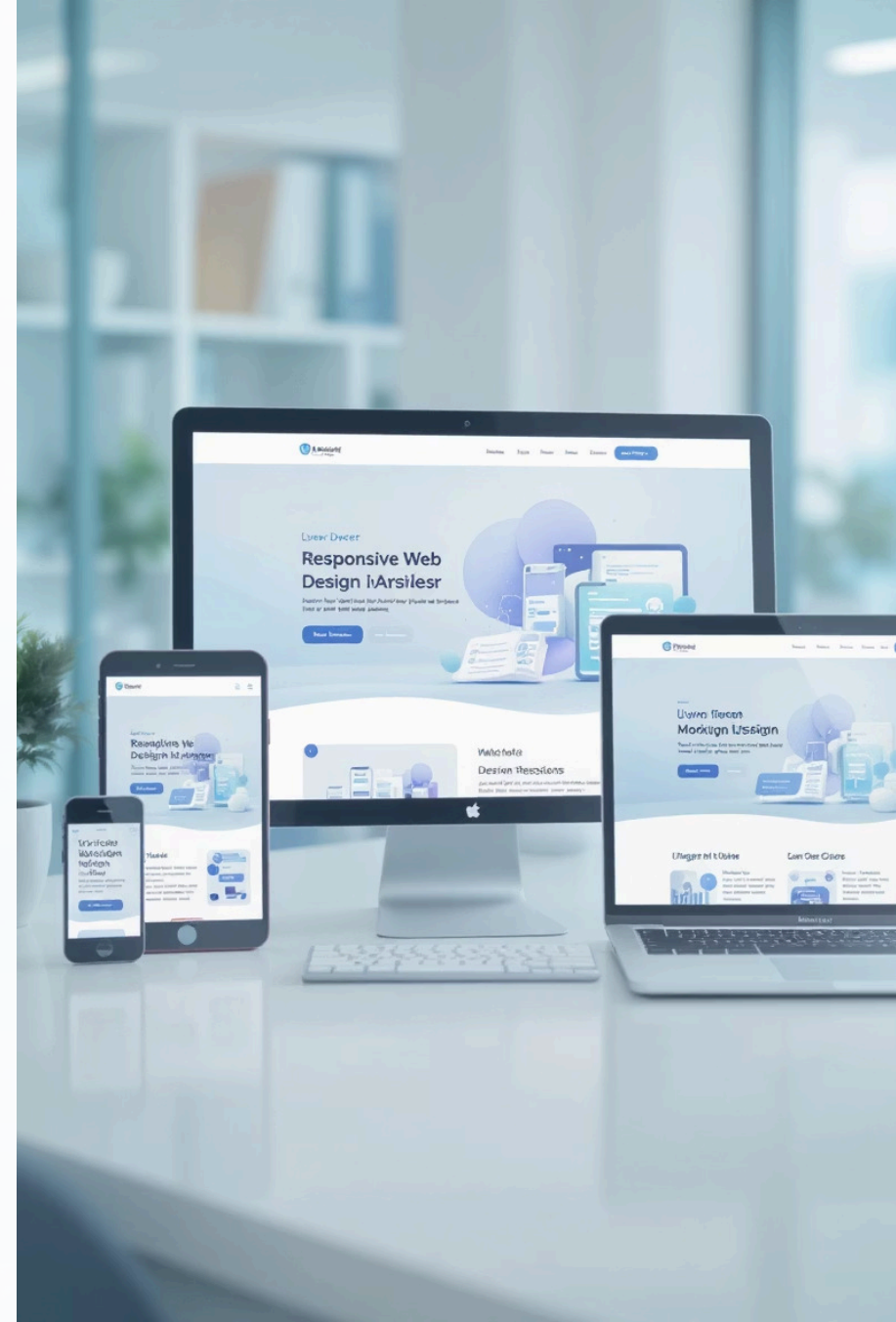
## JavaScript Fundamentals

Learn variables, functions, DOM manipulation, and event handling. Create interactive components with form validation and dynamic content updates.

## Mini Projects \*

- Personal portfolio page
- Interactive to-do list
- Contact form with validation

\* This is indicative





# Phase 2: Angular Frontend Development

Days 21-40

Build sophisticated Single Page Applications using Angular's powerful framework. Master components, services, routing, and API integration to create dynamic, professional web applications.



## Angular Basics

Components, templates, data binding, directives, and component communication



## Services & HTTP

HttpClient, Observables, RxJS, routing, guards, and error handling



## Forms & State

Template-driven and reactive forms, validation, and state management patterns



## Mini Project

Build a complete SPA with routing, forms, and API integration



# Phases 3-4: Java Mastery & Database Integration

## Java Essentials & OOP (Days 41-55)

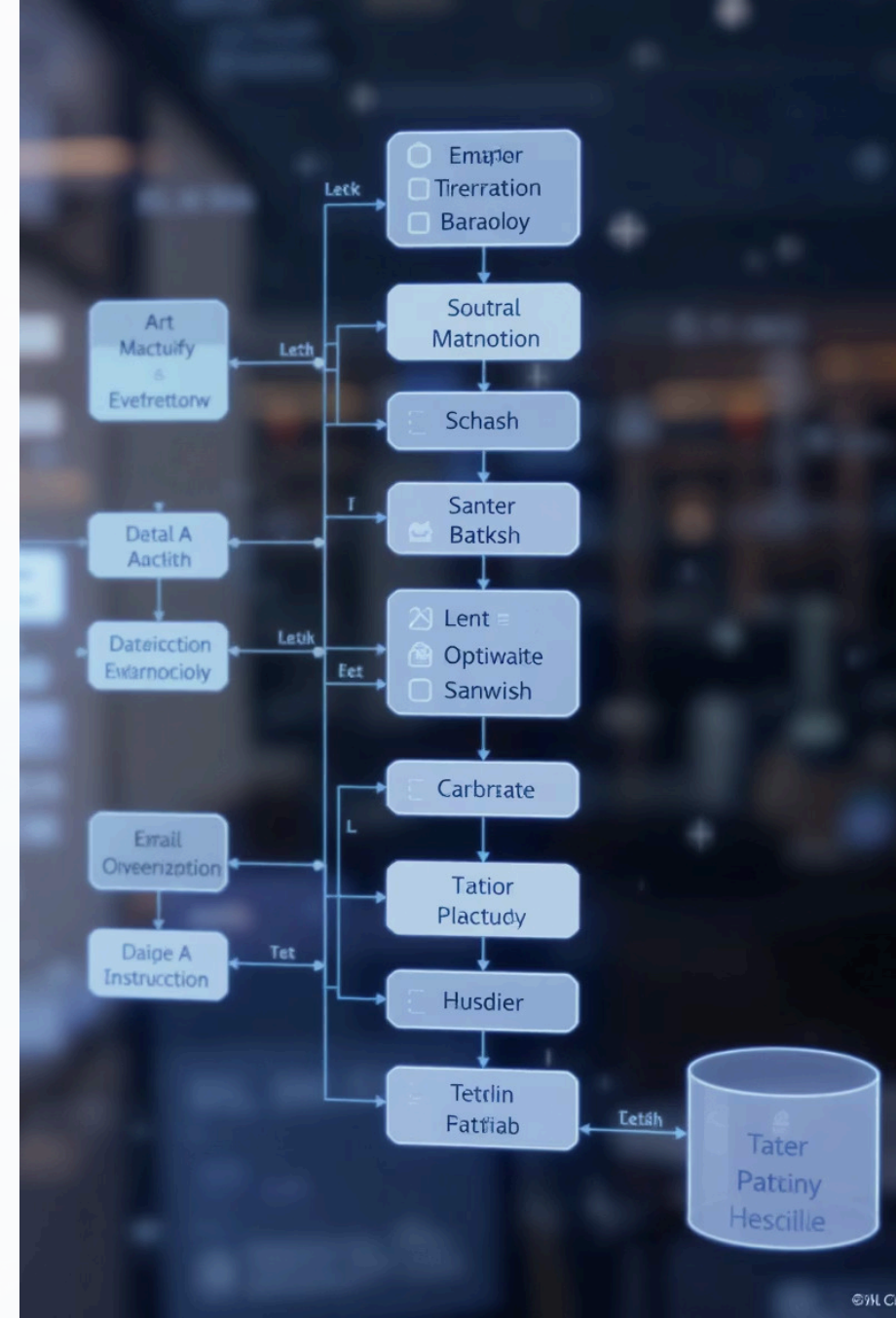
Master Java syntax, object-oriented programming principles, collections, and exception handling. Learn design patterns like Singleton, Factory, and MVC.

- Classes, inheritance, polymorphism
- Collection Framework and generics
- Exception handling and best practices
- Console-based management system project

## Database & JDBC (Days 56-65)

Understand relational databases, write efficient SQL queries, and integrate Java with MySQL using JDBC for production-ready applications.

- SQL queries, JOINS, normalization
- JDBC architecture and drivers
- CRUD operations and transactions
- Java + JDBC CRUD application project





# Phase 5: Spring Boot Backend Engineering

Days 66-85

Build production-style RESTful backend services using Spring Boot. Master dependency injection, JPA/Hibernate, security, and testing to create enterprise-grade applications.



## Spring Core & Boot

IoC, DI, auto-configuration, project setup



## REST APIs

Controllers, validation, exception handling, Swagger docs



## JPA/Hibernate

Entities, relationships, JPQL, pagination



## Security & Testing

Spring Security, JWT, JUnit, Mockito

**Outcome:** A working backend API connected to MySQL database, ready for Angular integration and real-world deployment.







# Phase 6: DevOps & Cloud Foundations

Days 86-94



## Git & Version Control

Master Git basics, branching, merging, and GitHub workflows. Learn pull requests and code review culture essential for team collaboration.



## Build Tools & Containers

Understand Maven project structure and dependency management. Learn Docker fundamentals and containerize Spring Boot applications.



## CI/CD & Cloud Basics

Explore continuous integration and deployment concepts. Deploy containerized applications to cloud platforms for production readiness.



# Phase 7: Capstone Final Project

Days 95-100

Integrate all your skills into a single end-to-end project that showcases your abilities to potential employers. Build a complete full stack application from scratch.

1

## Angular Frontend

Routing, forms, validation, and professional UI design

2

## Spring Boot Backend

REST APIs with proper architecture and error handling

3

## MySQL/POSTGRES Database

Proper schema design with relationships and constraints

4

## Authentication

Basic security implementation for protected routes

5

## Version Control

Git-based workflow with clear commit history

6

## Documentation

README, API docs, and project screenshots

**Suggested themes:** Employee Self-Service Portal, Learning Management System, Fitness Tracking Dashboard, or Inventory Management System.



# Corporate Culture & Professional Development



## Continuous Track Throughout Program

### Professional Behavior

- Organizational structure and roles
- Ownership and accountability
- Time management and meeting discipline
- Working in global teams

### Communication Skills

- Email etiquette and clarity
- Status updates and reports
- Presentation delivery
- Handling feedback gracefully

### Grooming & Presence

- Professional dress codes
- Body language and posture
- Voice modulation
- Interview confidence

Prepare to succeed in real corporate environments by building professional behavior, communication skills, and personal presence that set you apart.

# Startup Thinking & Market Economics

## Continuous Track Throughout Program

Think beyond individual features and understand how products succeed in the real world through problem selection, user understanding, and sustainable business models.

### Product Thinking

Problem statements, Product-Market Fit, value proposition, usability, and case studies of successful products

### Market Basics

TAM/SAM/SOM, revenue models (subscriptions, transactions, ads), unit economics, and competitive differentiation

### Pitching & Storytelling

Pitch deck components, explaining technical work in business language, effective demos, and Q&A handling

## BUSINESS MODELLING

Understand diverse business models (SaaS, marketplace, freemium, subscription, e-commerce). Learn how they generate revenue, analyze successful tech examples, and select optimal models for sustainable growth and market viability.

---

## Final Activity

Teams prepare a 5-7 minute pitch for their capstone project as if presenting to a client or investor, demonstrating both technical excellence and business acumen.





# Complete Full Stack Developer Program - Pricing



## Web Foundations

(HTML, CSS, JavaScript, Bootstrap)



## Angular Frontend

(SPAs)



## Java & OOP

(Core programming)



## Database & JDBC

(MySQL/POSTGRES)



## Spring Boot Backend

(REST APIs, JPA/Hibernate)



## DevOps & Cloud

(Git, Docker, CI/CD basics)



## Capstone Project

(Full stack application)

### BONUS - Included FREE with your enrollment:

- Phase 8: Continuous Track (Corporate culture, communication & Grooming) - **Complimentary**
- Phase 9: Continuous Track (Startup Thinking, Pitching, Market Economics & Business Modelling) - **Complimentary**





# Real Stories. Real Growth. Real Impact.

At ThinkingCode, every learner and mentor contributes to our mission. Our interns, mentors, and students share powerful stories of growth, learning, and transformation. Their testimonials speak louder than anything we can say.



## Fazal Rahiman

Java Intern

[Batch - June 25' - Zero to Full Stack Hero Course](#)

"Before joining Thinking Code, I was struggling to understand programming and couldn't land interviews. Thinking Code truly transformed my journey – it gave me the guidance and an opportunity to build a better career and a better life. All I needed was a chance, and Thinking Code gave me that. If you're looking for a chance to engineer your future, Thinking Code is the perfect place to start."



## Aiswariya C Nair

AI Intern

[Batch - June 25' - Zero to Full Stack Hero Course](#)

"Learning here transformed the way I approach projects – I learned how to think, design, and build efficient projects."



## Philomina Niji

DevOps Intern

[Batch - June 25' - Zero to Full Stack Hero Course](#)

"The most practical investment I've made in my programming career was joining the full-stack course."



## Kochi Learning Hub #1

Victoria Towers, 5th Floor, Banerjee Road, Kochi - 682018

Mobile: +91 6282 895 665. Email: [education@thinkingcode.com](mailto:education@thinkingcode.com)

[thinkingcode.education](https://thinkingcode.education)



### **ThinkingCode — Engineering Excellence & Product Innovation**

We build world-class software products and services by nurturing a culture of ownership, creativity, and intrapreneurship.