CodeCruise

SAIL SMOOTH IN TECH OCEAN

A74, TechnoPark, Andheri, Mumbai. Phone: +91 80809 75897 | +91 70345 62050 Email: ask@codecruise.in

Full Stack JAVA

Java Spring Boot's integration with **Angular CLI** and **React** expands the scope of web development possibilities. With Angular CLI's structured approach to building single-page applications and React's component-based architecture, developers have a wide range of tools at their disposal to create intuitive user experiences. Spring Boot's robust backend capabilities complement these frontend frameworks, enabling seamless data handling and business logic implementation. Together, they offer a comprehensive solution for building modern web applications that are both scalable and maintainable, catering to a diverse range of project requirements and enhancing developer productivity throughout the development lifecycle.

Tech Stack To Be Covered

CSS	HTML	JAVASCRIPT	Angular	Bootstrap
Git	Java	Spring Boot	Deployment	MongoDB or MySQL

Topics and Modules for Full stack development in JAVA

Highlights:

Learn to create database structure of a project with proper RDBMS structure and normalization in My-SQL DBMS.

This will give you an experience to work on more complicated database structure.

Learn to work on back-end programming languages Java with Java Spring boot framework.

Learn to manage your code with Unit testing and code-reusability.

Working with static files and images and manage them through database and programming languages.

Learn to design front-end/ web-UI using HTML5, CSS and JavaScript and more professional looking webpages using HTML and CSS framework like bootstrap and data-table.

Learn to work with JavaScript JQuery-AJAX to interact with back-end giving hands-on exposure and step towards working with API's.

Source code management using GIT and GIT-Hub

Project you learn to develop:

Website Design (html 5, JS, CSS)

Responsive Website using Bootstrap Framework

A CRUD application with session handling

Curriculum:

Front-End: HTML5, CSS, JS, ES6, JQuery, AJAX and Bootstrap framework, React-Next/Angular(CLI) framework.

Back-End: JAVA SPRING BOOT

- Core Java
- Java OOPS
- Exception handling
- Multi-threading
- JDBC
- JUNIT
- Servlets
- Spring core

- Spring MVC
- Spring AOP
- Spring REST
- Spring Security
- Spring Boot Application

Database: My-SQL/MongoDB Queries and Advance SQL Query