



CAREER ACCELERATOR PROGRAM IN FULL STACK DEVELOPMENT

Learn. Code. Build

01

YOUR TYPICAL WEEK AT THE FULL STACK ONLINE BOOTCAMP

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FULL STACK
ONLINE
BOOTCAMP**Weekend Faculty Sessions (10-15 hrs)**

With a mix of Live and Physical classroom sessions

Weekday Office Hours (5-10 hrs)

Live Instructor and TA support for coding tasks (8-10 AM, 6-9 PM)

Project Based Assignments

Capstone End-End and topic based coding assignments

Code Review sessions

With Senior Technical Leads, Architects on a Weekly basis

Discussion Forums

Dedicated Discussion forums and Slack channel with peers and Instructors

Pair Programming labs

Your Remote Development team working on Group assignments

greatlearning
Learning for Life

**6**

Months duration

**10+**

Labs & Projects

**20-25hrs**time commitment
per week

PROGRAM MODULES

Web development introduction & Front end

Learn web development basics, HTML, CSS and building interactive web pages using Javascript & jQuery

Front end Framework

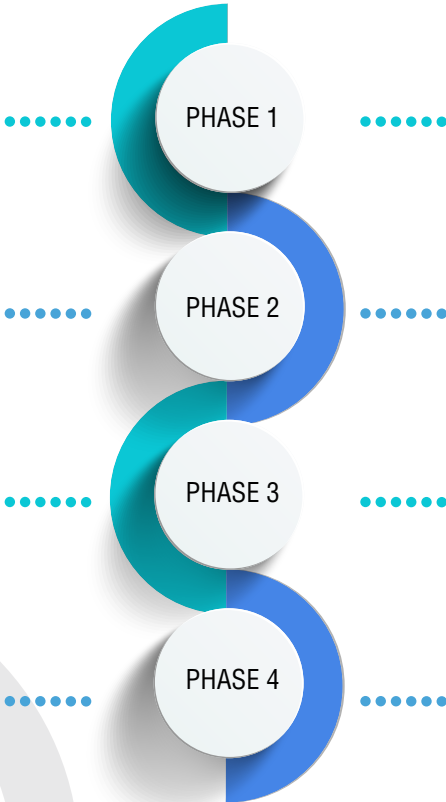
Learn building front end applications using React JS

Back end Development

Deep dive into basics of Java, learn building web applications using Spring framework

Database & Deployment

Learn about database basics, running queries and integrating databases



PHASE 1

CAPSTONE PROJECT

Build your application front end

PHASE 2

Apply a front end framework for your application

PHASE 3

Build the Back end layer

PHASE 4

Build your database & deploy your application in Cloud

FRONT END

Languages:

- HTML
- CSS3
- Javascript
- jQuery
- React JS

BACK END

Languages:

- Java
- Spring framework
- Hibernate framework
- MySQL

DEVOPS

- Git
- IntelliJ
- Jenkins
- Heroku

WEB DEVELOPMENT BASICS

- Web development Basics - HTML & Web servers
- Shell - UNIX CLI
- Version control - Git & Github
- HTML, CSS

FRONTEND DEVELOPMENT

- Javascript basics
- OOPS Aspects of JavaScript
- Memory usage and Functions in JS
- AJAX for data exchange with server
- jQuery Framework
- jQuery events, UI components etc.
- JSON data format

REACT JS

- Introduction to React
- React Router and Single Page Applications
- React Forms, Flow Architecture and Introduction to Redux
- More Redux and Client-Server Communication

LANGUAGES & TOOLS



JAVA PROGRAMMING BASICS

- Variables and data types
- Conditional and iteration logic
- Object Oriented Programming
- File I/O and Collections
- Unit Testing & Debugging

JAVA WEB DEVELOPMENT

- Model View Controller (MVC) Pattern
- MVC Architecture using Spring
- RESTful API using Spring Framework
- Building an application using Maven

DATABASES & DEPLOYMENT

- Relational schemas and normalization
- Structured Query Language (SQL)
- Data persistence using Spring JDBC
- Agile development principles and deploying application in Cloud

LANGUAGES & TOOLS





admin@foxangle.com



www.foxangle.com



+91 8955093595