

## RVCE & upGrad Campus - Full Stack Development

Course	Module
Object Oriented Programming in Java	Java - Variables & Datatypes
	Java - Conditionals, Loops & Functions
	Abstraction & Encapsulation
	Inheritance & Polymorphism
	Arrays & Linked Lists
Algorithm Analysis & Techniques	Algorithm Analysis
	Searching & Sorting Algorithms
	Assignment
Data Structures	Stacks & Queues
	Assignment Stacks & Queues
	HashTables, HashMaps and HashSets
	Binary Trees & Binary Search Trees
	Priority Queues & Heaps
	Graphs & Graph Algorithms
	Assignment - DSA
Foundations of Web Development	Internet & Networking Basics (Optional)
	HTML & CSS
	JavaScript
	Advanced JavaScript
	Back-End Integration Using HTTP
	Course Project - Scribbler
Introduction to MERN	React
	Node.js
	MongoDB
	Express.js
(Specialization 1) Advanced Frontend Development	React.js - Part I
	React.js - Part II
	ReactJS Project
(Specialization 2) Server-Side Development	Fundamentals of Node.js
	NoSQL Databases & MongoDB - I
	NoSQL Databases & MongoDB - II
	Express.js
	Capstone Project