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Module I

CSS Styles & selectors CSS Combinators & Box models Flex Grid Media queries Project
Flex Grid Media queries
Grid Media queries
Media queries
1
Project
-9
Introduction to JS
Mathematical & comparison operators
Conditional statements
Logical Operators & Introduction to Loops
While & for loop
Nested Loops
Arrays
String
Objects
Functions
DOM
Projects
Window object
Promise
Client server Model & Async
Git

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Module II

State Management useState Hook And API Requests Component hierarchy and data flow between components useEffect hook & Forms Context API Deployment Projects Node JS basics HTTP basics Express middlewares Databases Mongo CARD Mongoose MVC	Introduction to React		
useState Hook And API Requests Component hierarchy and data flow between components useEffect hook & Forms Context API Deployment Projects Node JS basics HTTP basics Express middlewares Databases Mongo CARD Mongoose MVC	Components, Props, List And Keys, Events, Conditional Rendering		
Component hierarchy and data flow between components useEffect hook & Forms Context API Deployment Projects Node JS basics HTTP basics Express middlewares Databases Mongo CARD Mongoose MVC	State Management		
useEffect hook & Forms Context API Deployment Projects Node JS basics HTTP basics Express middlewares Databases Mongo CARD Mongoose MVC	useState Hook And API Requests		
Context API Deployment Projects Node JS basics HTTP basics Express middlewares Databases Mongo CARD Mongoose MVC	Component hierarchy and data flow between components		
Deployment Projects Node JS basics HTTP basics Express middlewares Databases Mongo CARD Mongoose MVC	useEffect hook & Forms		
Projects Node JS basics HTTP basics Express middlewares Databases Mongo CARD Mongoose MVC	Context API		
Node JS basics HTTP basics Express middlewares Databases Mongo CARD Mongoose MVC	Deployment		
HTTP basics Express middlewares Databases Mongo CARD Mongoose MVC	Projects		
Express middlewares Databases Mongo CARD Mongoose MVC	Node JS basics		
Databases Mongo CARD Mongoose MVC	HTTP basics		
Mongo CARD Mongoose MVC	Express middlewares		
CARD Mongoose MVC	Databases		
Mongoose MVC	Mongo		
MVC	CARD		
	Mongoose		
Relationships	MVC		
	Relationships		
Authentication	Authentication		
Full Stack CRUD - I	Full Stack CRUD - I		
Full stack projects	Full stack projects		

^{*}subject to change as per academic committee discretion



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Intro to programming
Variables data types mathematical operators
Comparison operators
Conditional statements
Logical operators
Intro to loops - while loop
For loop
Understanding Problem Statements
Nested loops
List
String
Intro to functions
Functions - 2
Taking input in python
Intro to DSA
Brute force
Introduction to Multi-Dimensional lists
Introduction to Dictionary data structure
Introduction to Optimisation Techniques: Two-pointer technique
Introduction to Sliding Window
Mathematics for Programming
Introduction to Sorting Algorithm
Customized Sort
Projects and Presentations
*subject to change as per academic committee discretion

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Freelancing Projects	End of Module I
Internship opportunities	End of Module II
Placement interview opportunities	End of Module III
CAP-ACE	Unlocks based on performance
*subject to students performance,availability & at discretion of academic committee	

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