


Dev Cohort[Cohort1.0]

Agenda

- What to expect
- Target Audience
- Curriculum
- Projects
- Instructor
- Assignments, Hackathons, Timings
- QnA

curriculum

High level

- Foundation -> 39 lectures (live)
- Level up -> 28 lectures (recorded)

▼ Foundation

Intro to Web , HTML & Git	Minor Project
Overview , how web works and installations	
HTML-1	
HTML-2	
HTML-3	Portfolio Project
Intro to Git and github	

Javascript Part-1			Minor Project
	Foundations of js		
	Arrays, Objects ,code execution , let and const		
	Intro to asynchronous programming		
	Browser and DOM-1		Todo App
	DOM-2		

CSS	
	CSS-1: Intro to properties and selectors
	CSS-2 : Box model , display properties, background property
	CSS-3 : css units and positioning
	CSS-4 : flexbox and responsive design

Capstone Project-1	VLC media Player clone
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JS-2		Bonus Project	
	CSS-5 : animations		
	JS : Promises	Weather App	
	JS : async await		

React			Minor Project
	Intro to react		Shopping list
	States ,VDOM and uplifting the state		
	Vite app and tailwind		
	Routing and useEffect		

Capstone Project-2			
	Firebase auth and user login		
	Context API and custom hook		
	Profile Chat and last seen		Whatsapp clone
	Deployment		

Backend	
	Intro to backend dev with Nodejs
	Intro to Express and postman
	Mongodb and mongoose
	MVC architecture and REST API
	Data validation and hooks in mongoose

Capstone Project-3		
	Intro to Nextjs	
	ShadcnUI	
	Redux toolkit	
	Forget reset , sending emails	Jio cinema clone
	Payment	
	Streaming	
	Cors and Deployment	

levelup (recorded)

Topics	Lectures
CSS grid	1
Advanced JS	8
How browser renders a web page	1
Peformance and web vitals	2
FE Machine coding rounds	4
Advanced React	3
Build tools	1
Testing	2
security	1
AWS and EC2	1
Docker	1
CI/CD pipeline	1
Advanced Git	1
Idea to Product	1