SOFTWARE DEVELOPMENT

Skill Level	Beginner
Course Roadmap	Go from zero knowledge to being able to build your own complete websites! Starting with the foundations of software engineering. By the end of this program you would have mastered a specialization and learn the art of effective collaboration to solve real world problems.
Duration	Friday (4pm - 7 pm), Saturday (10am - 1pm), Sunday(2pm - 5pm) Break for 20 mins

	PROGRAM STRUCTURE			
	MONTH 1			
	Fundamentals of User Interface			
Fri	Introduction to UI/UX Product Design User Experience Design			
Sat	Introduction to UI/UX High Fidelity Mockup User Flows, Wireframes, Prototype Interaction Design			
	Markup & Styling			
Sun	Introduction to the Developer Toolkit The HTML tool for Markup	Introduction to the Developer Toolkit The CSS Syntax for Styling		
Fri	Introduction to the Developer Toolkit The HTML tool for Markup	Introduction to the Developer Toolkit The CSS Syntax for Styling		
Sat	Introduction to the Flexbox Model	Introduction to the Bootstrap Framework.		
Sun	Introduction to the Flexbox Model	Introduction to the Bootstrap Framework.		
	Fundamentals of Javascripts			

Fri	Introduction to Javascript Syntax Conditionals.	Introduction to Javascript Arrays & Objects Loops.		
Sat	Tools of the business Javascript Web: Functions & Events	Tools of the business Interacting with the DOM		
Sun	Tools of the business Javascript Web: Functions & Events	Tools of the business Interacting with the DOM		
Fri	Tools of the business Browser Dev Tools, Command line, IDE.			
Sat	Tools of the business Vs-Code, Working with Terminals.			
Sun	Tools of the business Git and Advance Git	Tools of the business Github, and Github Pages		
Fri	Peer to Peer Session - Work on Practice Projects			
	MONTH 2			
Sat	Working with API & JSON			
Sun	Building and publishing an NPM package			
	REACT.JS			
Fri	React Introduction to React React Component			
Sat	React Introduction to React React Component			

Sun	Two way Datt binding Routing & Navigation Forms		
Fri	Two way Datt binding Routing & Navigation Forms		
Sat	Two way Datt binding Routing & Navigation Forms		
Sun	Two way Datt binding Routing & Navigation Forms		
	Problem Solving		
Fri	Debugging: using the Chrome Developer Tools		
Sat	Debugging: Searching Algorithms		
Sun	Peer to Peer Session		
	MONTH 3		
	NODEJS & EXPRESS JS		
Fri	Introduction to NodeJS		
Sat	Intorduction to ExpressJS		
Sun	ExpressJs: CRUD operations on Database	ExpressJs: Searching the database for blog Pagination	
Fri	Using NPM and Packages		
Sat	Building and publishing an NPM package		
Sun	Practice Class [NodeJS]		
	Problem Solving		
Fri	Debugging: using the Chrome Developer Tools		
Sat	Debugging: Searching Algorithms		
Sun	Practice Class Debugging		
Fri	Peer to Peer Session		

	MONTH 4		
Entire Month	**Work on Capstone Projects**		