Full Stack Web Developer Nanodegree

Timings : 9:00 AM - 4:45 PM - 6 hours	Duration: 30 Days

S.N	Part Name	Day	Sub-Topics
			Welcome
			Career Services Available to you
			Nanodegree Orientation
			Introductions
			Use functions
			Use classes: Draw Turtles
			Use classes: Send Text
			Use classes: Profanity Editor
			Make classes:Movie Website
		Day 1,2	Make classes: Advanced Topics
		Day 3,4	**Movie Trailer Website - Project**
			HTML Syntax
			CSS Syntax
			Sizing
			Positioning
			Floats
			Why Responsive
			Starting Small
			Building Up
			Common Responsive Patterns
		Day 5,6	Optimizations
1	Programming Fundamentals and the Web	**Day 7,8,9**	**Build a Portfolio Site**
			Shell Workshop
			What is Version control?
			Create A Git Repo
			Review a Repo's History
			Add Commits To A Repo
			Tagging, Branching, and Merging
			Undoing Changes
			Working with Remotes
			Working on Another Developer's Repository
			Staying In Sync with a Remote Repository
			Requests & Responses
			The Web from Python
2	Developer's Tools	Day 10,11	HTTP in the Real World
			Data and Tables
			Elements of SQL
			Python DB-API
		Day 12,13	Deeper Into SQL
		Day 14,15	**Logs Analysis - Project**
			Working with CRUD
			Making a Web Server
			Developing with frameworks
			Iterative Development
			Authentication vs Authorization

			Creating Google Sign in
			Local Permission System
			Adding Facebook and other providers
			What's and Why's APIs
			Accessing Published APIs
			Creating your own API Endpoints
			Securing your API
	The Backend: Databases &	**Day 18,19**	Writing Developer-Friendly APIs
3	Applications	**Day 20,21**	**Build an Item Catalog - Project**
			Requests and APIs
			Building the Move Planner App
			Changing Expectations
			Refactoring with Separation of Concerns
			Using an Organization Library
			Learning a New Codebase
			Getting Started with the APIs
			Understanding API Services
		Day 22,23,24	Using the APIs in Practice
4	The Frontend: JavaScript & AJAX	**Day 25,26,27**	**Neighborhood Map - Project**
			Intro to Linux
			Linux Security
		Day 28,29,30,31	Web Application Servers
5	Deploying to Linux Servers	**Day 32,33,34,35**	**Linux Server Configuration - Project**