**GWT**

**System Requirement**

* **Window OS ( 8 GB RAM)**
* **Java 1.8**
* **Eclipse 2019/2021.03 J2EE**
* **GWT Eclipse plugin 3.0**
* **IE8 and Firefox 3.6 ,Chrome**
* **Tomcat 6.0+ , Jetty**

**Duration : 5 Days**

**Day 1**

* Dynamic HTML
* The GWT Solution
* So What is GWT?
* The GWT Compiler
* GWT Design Axioms
* Getting Started with GWT
* Creating a GWT Project
* A GWT Project Structure
* Executing a GWT Project
* GWT Module Configuration
* GWT Module Entry Point
* Development Mode versus Web Mode
* Hello World GWT Project
* GWT Project Compilation and deployment

**Day 2**

* GWT User Interfaces
* Creating and Configuring Widgets
* Widget Hierarchy
* Widget Behavior
* Using the RootPanel
* Basic Styling
* Some Basic Widgets
* Organizing User Interfaces in GWT
* Laying Out Widgets into Panels
* Various GWT Layouts
* Autobean list
* Document Generation (export ,import (html to pdf))
* Database connectivity to GWT (Hibernate)
* Reg form connecting post operation dotnet webapi 2

Day 3

* FlowPanel
* HorizontalPanel and Vertical Panel
* The RootPanel
* DockPanel, DockLayoutPanel, SplitLayoutPanel, and LayoutPanel
* Using Grid
* Using FlexTable
* Using ScrollPanel
* Using PopupPanel and DecoratedPopupPanel
* Dialog Boxes
* The DisclosurePanel

Day4

* Event Handling in User Interfaces
* The GWT Event Model
* Using Event Handlers
* Types of Events
* FormPanel Events
* Syling with CSS in GWT
* GWT Visual Themes
* Styling Widgets in GWT
* Associating CSS Files with a Module
* Dependent Style in Widgets
* Testing and Debugging GWT

Migration from GWT 2.6 to 2.9

Day 5

Case study (Banking or Insurance or Ecommerce)