

SAP UI5 @ Gensoft Technologies

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Powered By:
Mr. Sridhar Sunkari
(18+ yrs Exp.)
On-line & Class-Room Trainings

- INDEPTH
- UNCOMPARABLE
- SUBJECT GUARANTEED

- Leader in SAP Technical Modules Training
- Trained 1000's of students both in On-line and Class-room and also conducted **Corporate Trainings** for the IT COMPANIES which includes TCS, WIPRO, CMC, VERIZON, GENPACT, SIERRA ATLANTIC, VOLKSWAGON, INDIAN RAILWAYS and many more..
- Program Delivered by **Real-Time consultant - SRIDHAR SUNKARI** having over 18+ yrs of experience in different technologies
- Real-time Scenarios with In-depth and Advanced Topics covered
- Numero Uno in **CORE ABAP, OBJECT ORIENTED ABAP, CROSS APPLICATIONS, ABAP HANA, WEBDYNPRO, SAP UI5 Front-end and Back-end Training**
- Detailed Class-Room Notes will be provided, need not depend on any other material
- As an additional service, Daily e-mails will be sent containing day-day class-room session material
- Most of our old students are working in **TOP IT COMPANIES**; we welcome you to interact with our old or existing students before registration
- To attend online 2nd time for the same module, students need to register again

SAP UI5 FRONT-END

INTRODUCTION

Introduction to SAP UI5 (Front-end & Back-end Overview)

HTML 5

Basic HTML Tags

Designing Table

Designing Forms

Submitting Forms

CSS

Types of style sheet's

Creating style sheet's

Creating custom CSS files

Selectors in CSS

DOM

DOM Structure

DOM Tree

DOM Manipulation

JAVASCRIPT

Introduction

Javascript Events and Function's

Manipulating UI elements using Javascript

Javascript Objects

Creating Javascript prototype's

Prototype Inheritance

Regular Expressions

Validating HTML pages

Operators

Arrays

JQUERY

Introduction

JQuery library

JQuery selectors

SAP UI5 FRONT-END CONTINUED FRAMEWORK and FIORI

FRAMEWORK BASICS

Eclipse Tool Installation Creating UI5 applications in Eclipse
Libraries in UI5 Framework Structure of UI5 Application
Creating UI5 screen elements Layouts Types
Dialog boxes creating custom UI controls

VIEWS

MVC Architecture
Development of UI5 Applications in Eclipse with different view Types

DATA BINDING

Property Binding Element level Binding Aggregation Binding
One-way and Two-Way Binding Static Binding Dynamic Binding

MODELS

JSON Files and JSON Model
XML Files and XML Model
Properties Files and Internalization using Resource Models

NAVIGATION

Navigation between views
Data Exchange between Views

APP DEVELOPMENT

Developing App
Developing Split-App Applications using Master and Detail Pages
Routing Component.js Manifest.json

INTEGRATION

Introduction to ODATA Model

Consuming ODATA Services

CRUD Operations from UI5 Front-end Applications using ECLIPSE

WEBIDE & FIORI

Creating HANA Trial Account and Introduction to WEBIDE Tool

Creating Destinations in HANA Cloud Platform

Navigation and Data exchange between views using Routing

Master-Detail UI5 application using WEBIDE templates

Fragments Creation

Associating Fragments in controllers

Installation of LOCAL WEBIDE and Connecting to Remote Systems

Consuming ODATA Services from Local WEBIDE Tool

FIORI Introduction

Types of FIORI Applications

Accessing and Enhancing Standard FIORI Applications

Deployment of UI5 Applications to ABAP Repository and HANA Cloud Platform

FIORI Launch pad

UI5 FRONT-END COMPLETED

SAP UI5 BACK-END (ODATA SERVICE DEVELOPMENT – NETWEAVER GATEWAY)

Introduction to ODATA technology

Netweaver Gateway Service Builder tool

Restful constraints and ODATA Capabilities

Defining Data Models, Entity and Entity sets

Generating Runtime Artifacts

Registering and Maintaining ODATA services

Model provider and Data Provider class usages

Mapping Based ODATA Service Implementation

Code based service implementation – CRUD Operations

ODATA Query Options

a)\$OrderBy b)\$Filter c)\$Top d)\$Skip e)\$expand f)\$value ...

Paging

Deep Inserts

Creating Associations and Navigation Property

Navigation between entities

Function imports

Media resources (Image upload & download)

File Upload & Download