

SOFTCRAYONS
Tech Solution Pvt. Ltd



Practical Training Program Branch - Ghaziabad,Noida

- » Graphic Designing
- » Digital Marketing
- » Programming
 - Python - Java - PHP ++
 - C++ - C - Ruby On Rails
 - Perl
- » Web Designing
- » Android Application
- » Sap - ERP - ABAP
 - Erp Basis / Erp-Bi
 - Erp-Bo / CRM/ HR/HCM / MM
 - PP / Controlling / Hana / SCM
 - Finance
- » Software testing
 - Manual testing
 - Automation - testing
 - QTP - Selenium
- » MS Office
- » Tally With GST
- » 1 Angular Js / 2 Angular
 - 3 Angular / 4 Angular
- » Vmware
- » Networking - CCNA
 - CCNP- MCITP - MCSE
 - Hardware
- » CAD- CAM-CAE
 - Autocad for Civil
 - Autocad for Electrical
 - Autocad for Mechanical
 - Catia V5 / Staap PRO/
 - Revit / Revit Structure
 - Revet Architecture / Soliworks
 - PRO E / CREOC(Fr - Designers)
 - 3D Max / Inventor / Ansys / Vray

Module 1 .INTRODUCTION TO ERP AND ABAP/4 LANGUAGE

- Overall introduction to ERP
- Introduction ERP R/3 architecture, Introduction to ERP SAP ABAP/4
- ABAP/4 editor (Focus on the functionalities of new ABAP editor)
- Data types
- Output statements
- Writing small programs
- Arithmetic operations
- String operations
- Control statements

- Parameters
- Open SQL –statements {insert, modify, delete, update}.
- Simple reporting
- Selection screens
- Transaction code creation
- Data Dictionary
- Tables
- Data element
- Domain
- Structures
- Search helps
- Views
- Type Groups
- Table maintenance generator and T-code creation
- Primary and foreign keys.
- Check and value tables.

Module 2 .REPORTING

- Debugging techniques
- Breakpoint creation.
- Watch point creation.
- Emphasize on the usage of New Debugger.
- Internal tables
- Declaration
- Processing.
- Population.

- Control Break Statements.
- Modularization techniques.
- Includes.
- Subroutines.
- Function modules.
- Macros
- Variants.
- Conversion exits.
- For all entries and joins {inner and left outer}.
- Message class creation & message types and handling messages.
- Events for classical reports.
- Events for interactive reports.
- Hide and hotspot.
- Creating and handling buttons.
- Menu painter.

Module 3 .ABAP OOPS

- Fundamentals of OOPS.
- Introduction to Local classes and methods
- Importance of Public, Private and Protected sections.
- Simple reporting using local classes and methods.
- Global classes and interfaces.
- Usage of global classes in the reports.

Module 4 .ALV

- Introduction.
- Types of ALV

- Simple report to display simple ALV List using Function Modules
- Simple report to display simple ALV grid using Function Modules.
- Interactive ALV Reports.
- Working with OOALV using classes (List, Grid).

Module 5 .DIALOG PROGRAMMING

- Introduction to screen painter and dialog programming.
- Flow logic
- PAI.
- PBO.
- POV.
- POH.
- Screen designing.
- Programming in object browser.
- Field validations.
- Creation of
- Table Controls.
- Tab Strips.
- Dynamic Screen.
- Call Screen.
- Set Screen.
- Leave to Screen.
- Leave Screen.
- Processing of list from transaction and vice versa.
- Screen table and its fields.
- Lock objects.

Module 6 .INTERFACE PROGRAMMING

- Why Data Transfers
- Introduction to BDC.
- File Handling.
- Presentation server.
- Application server.
- Recordings.
- Methods in BDC.
- Call transaction.
- Session method.
- Error Handling in Call Transaction.
- Legacy System Migration Workbench (LSMW)
- Different methods.
- Steps to Create an LSMW Project.
- Flat file creation.
- Uploading data.

Module 7 .ERP Scripts

- Introduction.
- Layout Sets.
- ERP Script Elements.
- Modifying standard layout sets (by using subroutines).
- Including logo.
- ERPscript Control Commands.

Module 8 .SMARTFORMS

- Working with smart forms.

- Standard Texts.
- Graphics management.
- Writing print program and designing layouts.
- Output type configuration to standard orders.

Module 9 .ADOBE FORMS / INTERACTIVE FORMS (PDF)

- Introduction

Module 10 .MISCELLANEOUS TOPICS

- ERP System Landscape.
- Correction and Transport System (CTS).
- Transport Organizer.
- Workbench Request.
- Task Creation.
- Merging Requests
- Release Requests.
- ERP memory.
- SET/GET parameters.
- ABAP memory.
- Imports/ Exports.
- Logical Database and Handling Events (LDB).
- Field symbols.
- SD flow.
- MM flow.

Module 11 .FUNCTION MODULES

- Concepts of Function Group.

- Different Types FMs.
- Concepts of FM interface.
- Concepts of Update Programs.

Module 12 .CROSS APPLICATION

- Introduction to CA.
- RFC destination.
- Working with RFC function modules.

Module 13 .IDOCS

- Concepts of IDOCS.
- Structure of IDOCS and Types.
- Creation of segments
- Creation of IDOCS.
- Using standard message types

Module 14 .ALE

- Defining logical systems used for ALE interfaces.
- Outbound / Inbound processing.
- Transferring of master data from one system to another system.
- Distribution modal view.
- IDOC Programming / Custom IDOCS.

Module 15 .BAPI and Business Objects

- Introduction to BAPI
- Overview of Business Objects.
- Step By Step Approach followed to create BAPI.

Module 16 .ENHANCEMENTS

- Introduction to enhancements.
- Different Ways of doing Enhancements.
- User Exits.
- Introduction to BADI
- How to implement BADI
- Overview on Enhancement Spots, Enhancement Section, Enhancement Implementations and Class Enhancement

Module 17 .ERP WORKFLOW

- Introduction of ERP WORKFLOW.
- Introduction of different elements of Workflow.
- Introduction to concepts of Binding.
- Introduction to Business Object Events
- Simple practical examples of ERP Workflow

Deployment

1. Deploying using Github
2. Angular2 Hosting Options
3. Hosting Angular App on cloud server Heroku

Batch Timings –

Days	Class Duration	Course Duration
Monday-Friday	2 Hours	1 Month
Saturday & Sunday	3 Hours	1.5 Months
Sunday	4 Hours	2 Months

Regards,
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