

**SOFTCRAYONS**  
Tech Solution Pvt. Ltd



### **Practical Training Program Branch - Ghaziabad, Noida**

- » Graphic Designing
- » Programming  
Python - Java - PHP ++  
C++ - C - Ruby On Rails  
Perl
- » Web Designing
- » 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
- » Digital Marketing
- » 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

## **Section 1: Manual Testing**

### **➤ Module 1 : Fundamentals of Testing**

- Why is testing necessary?
- What is testing?
- Economics of Testing
- Black Box Testing
- White Box Testing
- Software Testing Principles

- Fundamental Test Process

➤ **Software Testing Methodology**

Smoke Testing/ Sanity Testing

Functional Testing

a. Integration Testing

b. Functional/System Testing

c. Retesting

d. Regression Testing

e. User Acceptance Testing

i. Alpha Testing

ii. Beta Testing

f. Validation Testing

- **Non Functional Testing**

a. Recovery Testing

b. Browser Compatibility Testing

c. Cross Browser Testing

d. Multiple Browser Testing

e. Performance Testing

i. Load Testing

ii. Stress Testing

iii. Volume Testing

- Security Testing
- Mobile Testing
- Adhoc and Exploratory testing
- Web Application Testing
- Accessibility Testing

➤ **Module 2 :Testing throughout the software life cycle**

- Software Development life cycle models
- V – Model
- Iterative Life Cycles
- Test Levels
- Component Testing
- Integration Testing
- System Testing
- Acceptance Testing
- Maintenance testing

➤ **Module3: Static Techniques**

- Reviews and the test process
- Review Process
- Inspections and Walkthroughs
- Code Inspection

➤ **Module 4: Test Design Techniques**

- Identifying test conditions and designing test cases
- Categories of test design techniques
- Specification-based or black-box techniques
- Boundary Value Analysis
- Decision Table Testing
- Equivalence Partitioning
- State Transition Testing
- Use Case Testing
- Structure-based or white-box techniques
- Code Coverage
- Decision Coverage
- Statement Coverage
- Structural Testing

- Experience-based techniques
- Error Guessing
- Exploratory Testing
- Choosing a test technique

➤ **Module 5: Test Management**

- Test Organization
- Test Plans, Estimates, and strategies
- Test progress monitoring and control
- Configuration Management
- Risk and Testing
- Incident Management

➤ **Module 6: Other Testing Types**

- Function Testing
- Volume Testing
- Stress Testing
- Usability Testing
- Security Testing
- Performance Testing
- Configuration Testing
- Reliability Testing
- Recovery Testing

➤ **Module 7: Introducing Quality Center**

- The Quality Center Testing Process
- Starting Quality Center
- The Quality Center Window

➤ **Module 8: Specifying Releases and Cycles**

- Defining Releases and Cycles

- Viewing Releases and Cycles

➤ **Module 9: Specifying Requirements**

- Defining Requirements
- Viewing Requirements
- Modifying Requirements
- Converting Requirements

➤ **Module 10 : Planning Tests**

- Developing a Test Plan Tree
- Designing Test Steps
- Copying Test Steps
- Calling Tests with Parameters
- Creating and Viewing Requirements Coverage

➤ **Module 11: Running Tests**

- Defining Test Sets
- Adding Tests to a Test Set
- Scheduling Test Runs
- Running Tests Manually
- Viewing and Analyzing Test Results

➤ **Module 12: Adding and**

**Tracking Defects**

- How to Track Defects
- Adding New Defects
- Matching Defects
- Updating Defects
- Linking Defects to Tests
- Creating Favorite Views

➤ **DEFECT TRACKING TOOLS**

- BUGZILLA
- JIRA
- **Test management tool**
- QC
- **Performance Testing Tool**
- J-METER

## 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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