

Mobile Application Testing (Manual+Automation)



Course Content

Testing Concepts (Manual Testing)

Introduction To Mobile Domain

Introduction to Mobile Testing

Device Testing

Web Applications Testing

Mobile Application Testing

Types of Devices/Phones

Mobile Testing vs Mobile Application Testing

Mobile Application Testing

Defining Strategy for Mobile

Application Testing

Technologies & Development

Tools available for platforms

Device Fragmentation

Automation Testing

Introduction To Appium

Overview To Appium

Applicability Of Appium

Benefits Of Using Appium

Creating Appium Environment

Installing Appium

Installing A Vnc Server On Your System-under-test (SUT)

Appium Workflow

Open A Test Suite

Add System-under-test(SUT) To Your Connection List

Open Vnc Connection To SUT

Capture Images And Write Scripts

Typing On The SUT

Generating Text Images

Finding Images

Re-using Code

Gathering And Using Data

Reading Results

Organize Your Testing

Trouble Shooting A Connection Issues

MOBILE PLATFORMS

Types Of Mobile Application Testing

Functional Testing

Compatibility Testing

Usability Testing

Performance Testing

Stress Testing

Load Testing

Interrupt Testing

Installation Testing

Uninstallation Testing

Updates Testing

Backup & Restore Testing

Power Consumption Testing

Memory Leakage Testing

Certificate Testing

User Interface Testing

Screen Orientation/Resolution

Touch Screens

Soft & Hard Keys

Trackballs, Track wheels & Touchpad's

External Factors Testing

Network Connections

SD Card Interactions

Bluetooth Testing

Device Options & Preferences

Localization & Globalization

Database Testing

Hardware Components

Device Management Tools

UDID for iOS

Provision Profile for iOS

Security Testing

Emulators

Capturing Logs

Duration : 3 Months

Eligibility : Knowledge of C Programming Lang.

Available Batches : Regular Batch -> Monday-Saturday

WeekEnd Batch -> Saturday and Sunday

Fast-Track Batch -> 4 to 5 hrs daily

Present & Future Scope

Got placements in Mid and Large size co.s
Dotnet 100% oops (Object Oriented Programing)
New Features MVC boost up demand of dotnet
For long term dotnet is good technology
Preferes for Web and Window base development
Giant ERP mostly developed using Dotnet technology

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Subhash Bridge : 24, Astha Complex, Above SBI, Opp. R.T.O. Mobile : 091-9998305399.

Vastrapur : 26, Satyam Mall, Nr. Saman Complex, On Keshav baug Road, Prem-chand nagar road. Mobile : 091-9998304985.