B.E INTERNSHIP TRAINING CONTENTS

Duration – 4 weeks

Manual Testing:
- Testing Techniques ,Testing Methods, Testing Types, Testing Levels
- SDLC models, Use cases, BRS Doc, SRS Doc, and FRS Doc, , Test Plan
- Test case Templates, Defect Management, Bug report Template.
- Software Testing Life Cycle.
- Analyzed the user stories of different projects assigned to Interns.
- Designed the test cases for assigned Project Modules in various Test case management Tools.
- Executed Test cases for the assigned modules.
- Reported the issues or bugs in different bug reporting tools.
- Prepared Requirement Traceability Matrix Document.
- Test Deliverables

Test Automation:
- Test Automation Process
- Tool Selection
- What to Automate, How to Automate and When to Automate.
- Selenium WebDriver; Xpath, Locators, Waits
- Explaining the WebDriver code.
- Selenium setup ; Installing JDK, Eclipse, Adding Chrome Driver, Jar Files in Eclipse, Firepath,Firebug and Chropath add-ons .
- Different Selenium Functions Click (), DoubleClick (), MouseHover, Dropdown, Checkbox, Scroll up and Down, Radio buttons, Upload, GetTitle ()
- Designed automated test scripts for the assigned projects and practice websites.
- Debugging the code
- Executing the automated test scripts
- Preparing the Test Results
- Test Deliverables

TEST CASE MANAGEMENT TOOLS:
- TestRail
- TestLodge
- QACoverage
- App Test Manager

ALM Tools:
- QA Touch
- ReQtest
- Spira service
- Lean Testing
- Helix

BUG REPORTING TOOLS
- YouTrack
- Backlog
- Zoho
- Mantis

TEST AUTOMATION
- Eclipse IDE
- Firebug
- Firepath
- Chropath
- Selenium WebDriver.

PROJECTS ASSIGNED FOR MANUAL TESTING:
- Travel Management System (Flights, Hotels, Tours)
- Online Food Ordering System
- Real Estate Application
- Payment Gateway
- Online Hospital Appointments.

PROJECTS ASSIGNED FOR TEST AUTOMATION:
- Automationpractice
- School Management System (Teacher, Parent, Manager)
- Mercury Tours
- PHP Travels.
- Word press job portal
- Toolsqa