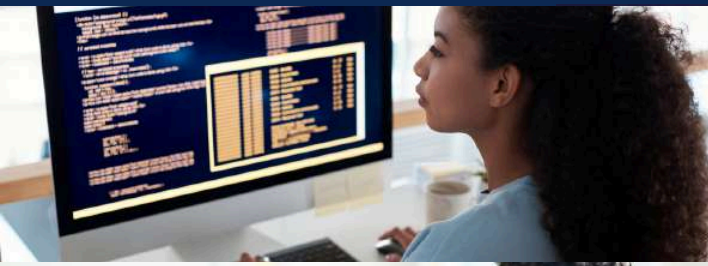




- CERTIFICATION BY CRESTORA TECH
- INDUSTRY PROJECTS & CASE STUDIES
- DESIGNED FOR TECHNICAL AS WELL AS NON-TECHNICAL GRADUATES
- JOB GUARANTEE PROGRAM
- ONE-ON-ONE WITH INDUSTRY MENTORS
- ESSENTIAL SOFT SKILLS TRAINING





SOFTWARE TESTING

Who can apply for the course?

- ✓ College students in the last year of their graduation or post-graduation
- ✓ Individuals who have pursued B.E., B.Tech, B.Sc., B.Com, M.E., M.Tech, M.Sc., and MCA
- ✓ Any working professional up to 28 years old
- ✓ Software Developers, Testers, and QA Engineers
- ✓ System Analysts and Administrators Professionals
- ✓ Freshers and Graduates who want to make a career in Software Testing

JOBS & USE CASES

01 Software Test Engineer



Software test Engineers are responsible for creating and implementing test procedures to ensure that software programmes work as expected.



Create test plans for new software releases and services. Create, write, and run test scripts to verify the functionality of application and database requirements.

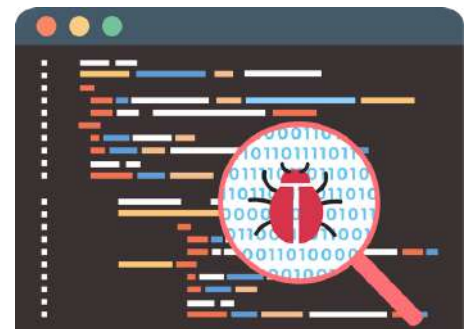
02 QA Analyst



03 Manual Test Engineer



Manual Test Engineers perform testing activities such as planning, and test design that occur prior to coding. They also help to discover the defects and problem in early stage of development.



04 Software Test Engineer



Software Test Engineer Develop detailed, comprehensive, and well-structured test plans and test cases, as well as estimating, prioritizing, planning and coordinating testing activities.



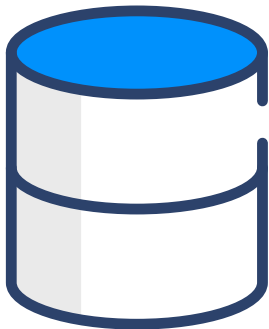
05 Performance Test Engineer



Performance Test Engineer creates and maintains performance test plans, injects load using JMeter load testing software, and analyze metrics from application and system logs.



06 Database Tester



Database Testers run tests to ensure that the exact data values retrieved or fetched from the database by the desktop-based application or web-based application are correct.



TOOLS AND TECHNOLOGIES COVERED



OUR SALIENT FEATURES



Guest Lectures



Experienced Trainers



Mock Interview Preparation



Real-Time Projects



Specially Designed Job oriented Courses



Community of Learners & trainers



Interactive Learning Tools and Many more..



Course Content

Module 1: Introduction to Software Testing

- Understanding the importance of software testing in IT.
- Different testing phases and methodologies.
- Setting up your testing environment.

Module 2: Testing Fundamentals

- Learning the core principles of software testing.
- Writing effective test cases and test scripts.
- Different types of testing: functional, non-functional, and more.

Module 3: Manual Testing Techniques

- Hands-on experience in manual testing.
- Test plan creation and execution.
- Exploratory and black-box testing.

Module 4: Test Automation

- Introduction to test automation.
- Learning Selenium for web application testing.
- Test automation frameworks and best practices.

Module 5: Mobile App Testing

- Mobile app testing and the challenges involved.
- Using Appium for mobile app automation.
- Testing on different mobile platforms.

Module 6: Test Management and Reporting

- Managing test cases and test suites using tools like JIRA.
- Creating effective test reports and documenting results.



Module 7: Non-Functional Testing

- Performance testing
- Load testing, and security testing.
- Tools and methodologies for non-functional testing.

Module 8: Continuous Integration and Testing

- Understanding CI/CD and its role in testing.
- Integrating testing into the development pipeline.

Module 9: Automation Testing with Python

- Introduction to Python for test automation.
- Writing Python scripts to automate test cases.

Module 10: Preparing for Testing Roles

- Building a portfolio of testing projects.
- Preparing for job interviews
- Understanding the testing job market.





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