About Intellipaat

Intellipaat is a global online professional training provider. We are offering some of the most updated, industry-designed certification training programs in the domains of Big Data, Data Science & AI, Business Intelligence, Cloud, Blockchain, Database, Programming, Testing, SAP and 150 more technologies.

We help professionals make the right career decisions, choose the trainers with over a decade of industry experience, provide extensive hands-on projects, rigorously evaluate learner progress and offer industry-recognized certifications. We also assist corporate clients to upskill their workforce and keep them in sync with the changing technology and digital landscape.

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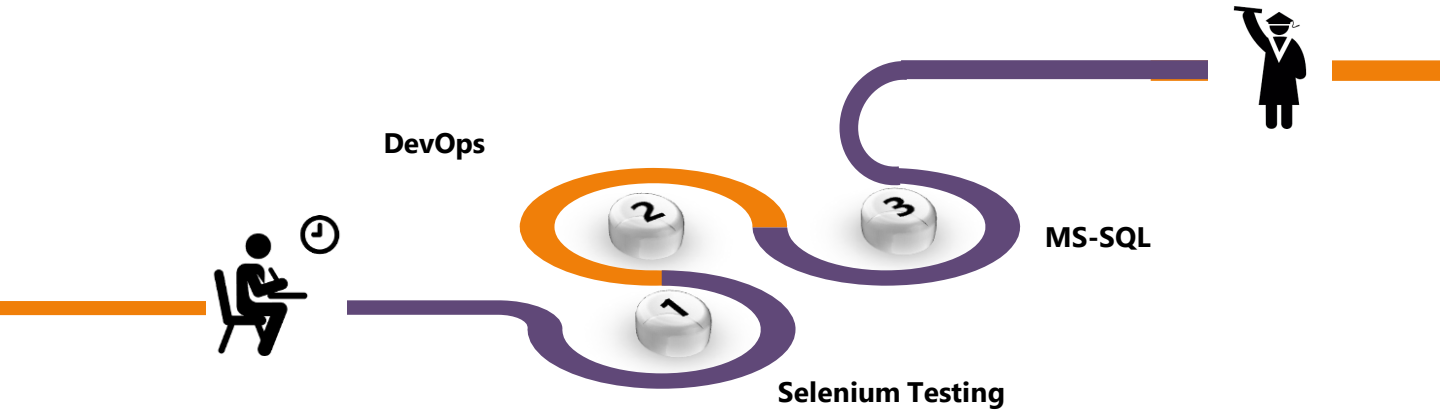
About The Course

Our Test Architect master's course lets you become a Test Architect. You will work on real-world projects in Hadoop testing, Selenium testing, Software/Manual testing, ETL testing and more. In this program, you will cover 6 courses and 20 industry-based projects.

Learning Path



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Why take this Course?

Intellipaat's Test Architect Masters Course will provide you in-depth knowledge on testing program platforms like Hadoop testing, Selenium, Software/Manual, along with detailed knowledge on ETL testing. This program is specially designed by Industry experts and you will get 8 courses with 18 industry based project.

Index

Instructor Led

1. Selenium Testing
2. DevOps
3. MS-SQL

Self-Paced Courses

1. Software/Manual Testing
2. ETL Testing
3. Hadoop Testing

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Selenium Testing

Learning Objective

This training will make you an expert in Selenium architecture and Selenium 3.0 components. In this best online Selenium training course, you will master automation testing framework for web applications, TDD, Selenium architecture, JaCoCo, TestNG and Sikuli. You can work on multiple real-life projects and assignments with this certified Selenium testing training.

Topics

- Getting started with Selenium
- Selenium Features
- Deep Dive into Selenium IDE
- Selenium Web driver Automation
- Fire Path Installation
- Searching Elements
- Advance user interactions and cross browser testing
- Introduction to TestNG Plugin
- TestNG Terminologies
- TestNG Data Providers
- Maven Integration
- Maven Integration Tool
- Web Driver Sample Programs
- JUNIT Operations and Test Framework
- Object Repository
- Test Data Management
- Selenium Grid Concept
- Mobile App Testing using Appium

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DevOps

Learning Objective

This course will help you to learn DevOps and master various aspects of software development, operations, continuous integration, continuous delivery, automated build, test and deployment. In this best DevOps online training course, you will learn DevOps tools like Git, Puppet, Jenkins, SVN, Maven, Docker, Ansible, Nagios and more. DevOps jobs are among the most sought-after and best paying jobs in the industry. Get started on this path today!

Topics

- Infrastructure Setup
- Introduction to DevOps
- Software Version Control
- Containerization using Docker - Part I
- Containerization using Docker - Part II
- Configuration Management using Puppet
- Configuration Management using Ansible
- Continuous Testing using Selenium
- Continuous Integration using Jenkins
- Continuous Orchestration using Kubernetes
- Continuous Monitoring using Nagios

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MS-SQL

Learning Objective

This course provides you with the complete skills needed to create, implement and manage robust database applications using the Oracle database tools. Some of the topics covered are – understanding of the Basic Procedural Language/Structured Query Language, subprogram, section and syntax query, DML, advanced DML and scripting. Entire training is in line with the Oracle PL SQL certification.

Topics

- Introduction to SQL
- SQL Operators
- Working with SQL: Join, Tables, and Variables
- Deep Dive into SQL Functions
- Working with Subqueries
- SQL Views, Functions, and Stored Procedures
- Deep Dive into User-defined Functions
- SQL Optimization and Performance
- Managing Data with Transact-SQL
- Querying Data with Advanced Transact-SQL Components
- Programming Databases Using Transact-SQL
- Designing and Implementing Database Objects
- Implementing Programmability Objects
- Managing Database Concurrency
- Optimizing Database Objects
- Microsoft Courses: Study Material

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Self-Paced Courses

Software/Manual Testing

This comprehensive manual software testing training course will take you through the process of software testing which includes planning, scheduling, test scenarios, error analysis, and so on. It includes various types of testing like performance testing, regression testing, text execution, preventive measures, generating test reports and test metrics.

ETL Testing

This course follows a step-by-step routine that includes ETL Testing introduction, the difference between OLAP and OLTP, learning about Data Warehousing concepts, its workflow, RDBMS, difference between database testing and data warehouse testing, checking data using SQL and the opportunities in Business Intelligence.

Hadoop Testing

This Hadoop Testing Training will provide you with the right skills to detect, analyze and rectify errors in Hadoop framework. You will be trained in the Hadoop software, architecture, MapReduce, HDFS, and various components like Pig, Hive, Sqoop, Flume and Oozie. With this Hadoop testing training you will be fully equipped in various test case scenarios, Proof of Concepts implementation and real world scenarios..

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Project Works

Course	Industry/Domain	Project
Selenium Testing	General	Automating the various tasks in aciTime
	Ecommerce	Testing an ecommerce site with Selenium
	General	Record and play back tests in the actual environment using Selenium IDE
	Internet	JUnit Test Case
MS-SQL	General	Writing complex Sub Queries
	General	Querying a large relational database
	General	Relational database design
DevOps	General	Containerizing various frameworks and NGINX Application using Docker
	Internet related	Using Git for version control and tracking of software.
	Information Technology	Automating the IT infrastructure of a company
	General	Automating WordPress application using Kubernetes
	Information Technology	Implementing a HAProxy server with Docker
	General	DevOps Continuous Integration
	Open Source Website	Deployment of LAMP and WordPress using Ansible
	Cloud Computing	Provision EC2 Virtual Machine with Ansible
Software/Manual Testing	E-commerce	Login functionality test for an e-commerce website
ETL Testing	Sales	Testing Cube
Hadoop Testing	General	Working with MapReduce, Hive and Sqoop
	General	Testing Hadoop Using MRUnit

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Job Assistance Program

Intellipaat is offering job assistance to all the learners who have completed the training. You should get a minimum of 60% marks in the qualifying exam to avail job assistance.

Intellipaat has exclusive tie-ups with over 80 MNCs for placements.

Successfully finish the training

Get your resume updated

Start receiving interview calls

Intellipaat Alumni Working in Top Companies

Robin Jack

Mainframe Senior Developer at IBM

This software testing automation training is the most practical and easy way to learn Selenium covering all topics.

David Juvan

Software Tester at Dell

I'm extremely impressed with this training session. Thanks to the instructor who was very patient in explaining all our doubts clearly. I was concerned initially if I have made a rright choice in picking up a right institute. But now I will definitely recommend Intellipaat for training course

Niharika Mittal

Blockchain Developer and Testing Enthusiast at IBM

This is a great way to learn Selenium automated testing. The best part is that the entire Selenium course is in line with the industry certification.

More Customer Reviews

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Our Clients

+80 Corporates

Frequently Asked Questions

Q 1. What is the criterion for availing the Intellipaat job assistance program?

Ans. All Intellipaat learners who have successfully completed the training post April 2017 are directly eligible for the Intellipaat job assistance program.

Q 2. Which are the companies that I can get placed in?

Ans. We have exclusive tie-ups with MNCs like Ericsson, Cisco, Cognizant, Sony, Mu Sigma, Saint-Gobain, Standard Chartered, TCS, Genpact, Hexaware, and more. So you have the opportunity to get placed in these top global companies.

Q 3. Do I need to have prior industry experience for getting an interview call?

Ans. There is no need to have any prior industry experience for getting an interview call. In fact, the successful completion of the Intellipaat certification training is equivalent to six months of industry experience. This is definitely an added advantage when you are attending an interview.

Q 4. If I don't get a job in the first attempt, can I get another chance?

Ans. Definitely, yes. Your resume will be in our database and we will circulate it to our MNC partners until you get a job. So there is no upper limit to the number of job interviews you can attend.

Q 5. Does Intellipaat guarantee a job through its job assistance program?

Ans. Intellipaat does not guarantee any job through the job assistance program. However, we will definitely offer you full assistance by circulating your resume among our affiliate partners.

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