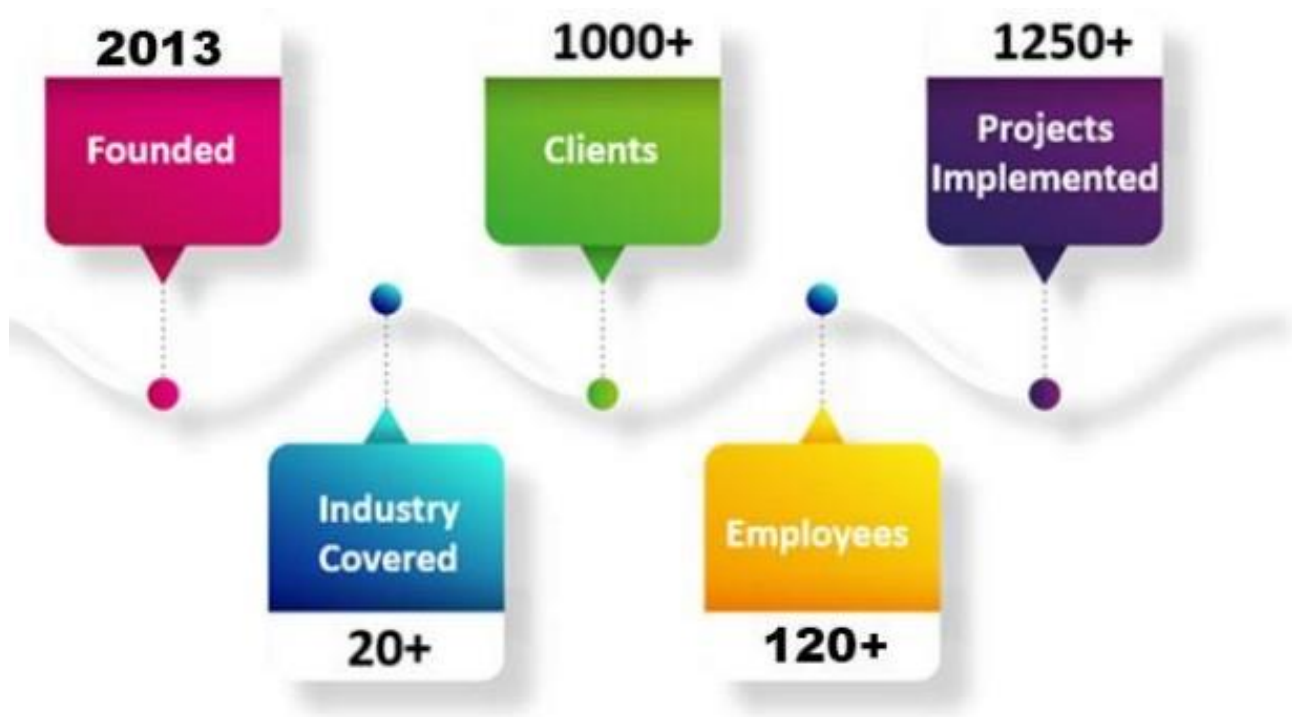


## About Winapps Software Solutions Pvt.ltd.

Founded in 2013, Winapps provides IT solutions specially- tailored to its customers' needs, with a focus CRM Implementation, ERP implementation, web and mobile development. We bring security and integrity to the development process, efficiently blending our assets with your existing structure. We love to code; set your business process and we know how to do it right. Our approach, which combines innovation with timely delivery, is perfectly attuned to our clients' goals. Independent from the dynamism and complexity of business requirements, our vast, collective experience and comprehensive solutions library allow us to build cost- effective programming teams and set realistic budgets.



## Professional Quality Analyst Course

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### QA Testing Fundamentals

#### **Session 1: Introduction to software testing:**

- Importance of testing, testing as a career
- Difference between Quality Assurance and Quality Control
- Tool selection criteria
- Roles and Responsibilities of Business Analyst, Developers, Architects, Testing Team (Lead, Manager), Manual and Automation Testers, Project Managers, Configuration Management team, end users, clients and others.
- Software Development Methodologies
- Cost of defect repair
- Risk of inadequate testing
- Software Testing Life Cycle (STLC)
- Tools used for Software Applications, Web applications, Windows-based applications, Intranet applications and api testing.

## Session 2 : Types of testing

- Dynamic Testing: Black Box Testing, White box testing, Grey box testing
- Functional Testing: GUI Testing, Boundary Value Analysis, Equivalence Class Partition, Error guessing, Negative testing, Back End testing, Database Testing, Compatibility Testing, Security testing, Portability testing, Configuration Testing, Recovery testing.
- Other good to know testing: Unit Testing, Integration Testing, Regression Testing, Sanity Testing, System Testing, Acceptance Testing, Non-Functional Testing, Compatibility Testing, Data Flow/Control Testing.
- Test cases and use case design
- Test Case Parameters
- Advantages of Test Data Gathering
- Managing Test data and creating Data Repositories
- What is a Bug?
- Difference between Bug and Defect
- Learn Test Execution Life Cycle Process
- Understand Different levels of Test Execution
- Sanity/ Smoke Testing
- Test Batches or Test Suite Preparation and Execution
- Retesting
- Regression Testing, What is Bug Leakage
- Test Design

- What is a Test Plan?
- Entry and Exit criteria
- Test Coverage
- Test Responsibilities
- General risks in test environment

### **Session3: MANUAL TESTING**

- Unit Testing
- Integration Testing
- System Testing
- Acceptance Testing
- Black Box Testing
- White Box Testing
- Grey Box Testing
- Manual Software Testing Process
- Advantages of manual testing
- Did advantages of manual testing

### **Session 4: Automation Testing – Introduction to Automation Testing**

- What is Automation testing
- Benefits of Automation Testing
- Various Automation Test Tools
- Tool selection criteria
- Introduction to Selenium

- Fundamentals of Selenium, overview, presentation, export features, installation, Selenium IDE and web driver.
- Test application with Selenium IDE, RC VS web driver, how to create test drive with web drive. 18.
- Requirements Module
- Creating different types of Requirements
- Creating traceability between requirements and Tests
- Importing Requirements,
- Requirements Graphs and Reports
- Test Plan Module,
- How to create Manual Test Cases
- Creating Parameters
- Importing Test cases
- How to create Test Sets,
- .Linking Test cases to Test Sets
- Executing Test Cases

## **Session 5: Bug Reporting & Web Services Testing**

- What is Bug Reporting?
- Most popular Test Reporting Tools
- Service Oriented Architecture (SOA), who uses SOA
- WebServices, Why Web Services are Being Used? What is WSDL? , Web Service Standards, tools to test Web services, how to test web services, why to test web services.

## Session 6: Mobile App Testing

- Mobile Applications and Mobile Application Testing.
- Differences between Mobile and Mobile application testing
- Differences between Native, Hybrid and Mobile Web application.
- Complexity of mobile testing domain
- Network related applications and Other applications
- Recommended strategy for mobile application testing
- Types of Mobiles; Android, iOS, Windows7
- Mobile testing and Mobile application testing strategy, How to choose which devices to test, planning what to test and how to review strategy
- Unique challenges in mobile application testing
- Simulators and Emulators, how to configure emulator

## Session 7: Database Testing

- Database Table, Column Testing
- Keys and indexes testing
- Stored Procedures Testing
- Trigger Testing
- Database Server Validations
- Functional Database Testing
- Checking data integrity and consistency

- Login and User Security
- Non-functional testing
- Load Testing
- What is Database Stress Testing?

## **Session 8: Game Testing**

- Functional Testing
- Compatibility Testing
- Performance Testing
- Conformance /Compliance Testing
- Localization testing
- Soak testing
- Recovery testing
- Security testing
- Other Games testing
- Sound Testing
- Database and game statistics



## Why Winapps?

### Industry Experience:

Winapps possesses huge experience in IT with different streams like education, E-commerce, banking, tourism, mortgage, real estate, insurance, medical, and health etc.

### Certified Professional:

We have experts in-house as Certified Android developer, Certified iOS Developer, Certified Web Developer (PHP), Certified Mean/Mern stack Developer, Certified Networking engineer (CCNA), Certified QA tester, Certified Software engineer, Certified flutter Developer, Certified React Native Developer, Certified ASP.net Developer, Certified UX/UX Designer. Certified backend database developer.

### Trust and Transparency:

We have a proven track record of serving 500+ customers with security as a paramount and high touch communication. Extensive experience in end-to-end Implementations, Integrations, Support & Maintenance as Quality Service & Delivery is the primary focus. As well as the we have been providing the training to the candidates with a surety of job within and in the other MNCs.

If you would like to move forward with our proposal, please send me an email so we can begin discussing and planning the next steps right away. I will follow up with you through email next  
Thank you kindly for reviewing our proposal. If you have additional questions, I am available by [info@winapps.info](mailto:info@winapps.info) or by phone at- **7015796830**



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