



# Winapps

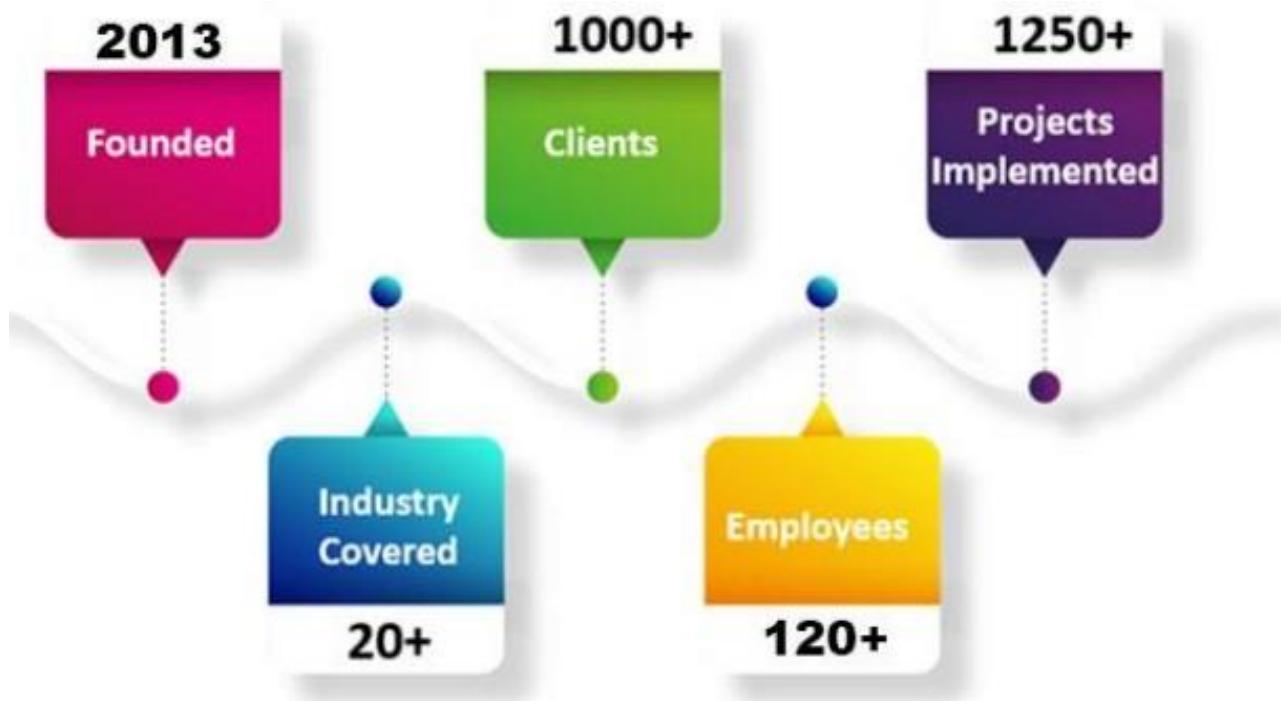
**Unlocking Career Opportunities through  
World-Class Professional Tech Training**



**“ Boost your career  
with professional  
training.**

## 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.



Pioneers in

Web & Mobile App Solution

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## Professional MERN Stack Course

**(4-6 Months)**

**MERN** Stack is one of the most popular Technology Stack. It is used to develop a Full Stack Web Application. Although it is a Stack of different technologies, all of these are based on JavaScript language.

**MEAN** Stands for:

1. **M** – MongoDB
2. **E** – Express
3. **R** – React
4. **N** – Node.js

### Back End

#### Node.js

Node.js is used to write the Server Side Code in Javascript. One of the most important points is that it runs the JavaScript code outside the Browser. It is cross-platform and Open Source.

- Intro
- Create Server
- NPM
- File System
- Events
- Importing/Exporting

## Express.js

Express is a fast, assertive, essential and moderate web framework of Node.js. You can assume express as a layer built on the top of the Node.js that helps manage a server and routes. It provides a robust set of features to develop web and mobile applications.

Let's see some of the core features of Express framework:

- ❖ It can be used to design single-page, multi-page and hybrid web applications.
  - ❖ It allows us to set up middlewares to respond to HTTP Requests.
  - ❖ It defines a routing table which is used to perform different actions based on HTTP method and URL.
  - ❖ It allows to dynamically render HTML Pages based on passing arguments to templates.
- 
- |              |              |
|--------------|--------------|
| • Installing | • Post       |
| • Request    | • Routing    |
| • Response   | • Middleware |
| • Get        | • Template   |

## RestFul APIs

If you want to interact with a computer or system to retrieve information or perform a function, an API helps you communicate what you want to that system so it can understand and fulfill the request.

## MongoDB

MongoDB tutorial provides basic and advanced concepts of SQL. Our MongoDB tutorial is designed for beginners and professionals.

MongoDB is a Nosql database. It is an open-source, cross-platform, document-oriented database written in C++.

Our MongoDB tutorial includes all topics of MongoDB databases such as insert documents, update documents, delete documents, query documents, projection, sort() and limit() methods, create a collection, drop collection, etc. There are also given MongoDB interview questions to help you better understand the MongoDB database.

- Create Database
- Create Collections
- Insert
- Delete
- Find
- Query
- Update
- Limit
- Join
- Creating REST API using Express and Mongoose



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## Front End

### React.js

The main objective of ReactJS is to develop User Interfaces (UI) that improves the speed of the apps. It uses virtual DOM (JavaScript object), which improves the performance of the app. The JavaScript virtual DOM is faster than the regular DOM. We can use ReactJS on the client and server-side as well as with other frameworks. It uses component and data patterns that improve readability and helps to maintain larger apps.

Introduction

Props Validation

Environment Setup

Component Life Cycle

Features

Class based component

Pros and Cons

Function based component

JSX

Forms

Component State React

Controlled vs uncontrolled

State vs props

Fragment

Props Overview

Router



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## 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 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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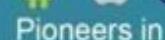
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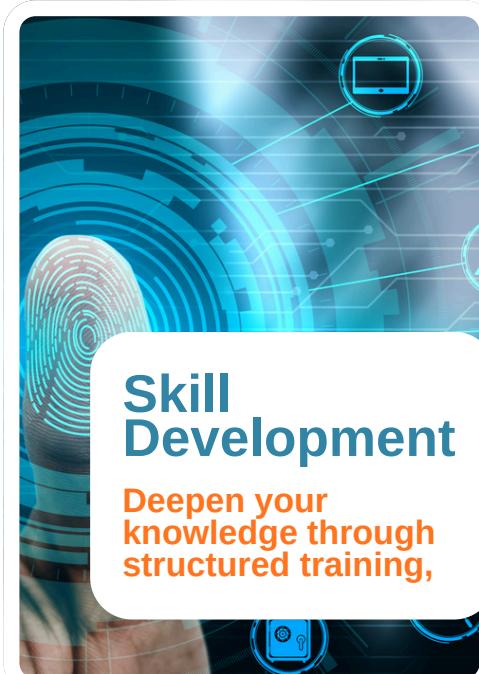
# Winapps

*Learn. Build. Succeed. Real Skills for Real*



## Foundation

**Here's how you get started**



## Skill Development

**Deepen your knowledge through structured training,**



## Lead in the Real World

**Apply everything you've learned to real scenarios, collaborate, solve problems, and step into the industry with assurance.**



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