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.

2013 Founded

1000+ Clients

1250+ Projects Implemented

Industry Covered **20+**

Employees **120+**

Pioneers in
Web & Mobile App Solution
WebSite :- WWW.Winapps.co.in
Email :- Info@Winapps.co.in

Next.js

Next.js is a React framework that helps developers build web applications.
Next.js provides additional structure, features, and optimizations for React applications.

Features:

1. Server-side rendering and static generation.
2. Server-side rendering and static generation.
3. Dynamic HTML streaming.
4. Route handlers to connect with third-party services

Benefits:

Next.js can help improve the developer and end-user experience. It can help with:

- Page load time
- User retention
- Search engine rankings
- Performance across devices

Adoption:

Next.js is used by many large websites, including:

Netflix, Open-AI, Walmart, Apple, TikTok or Uber etc.

Pioneers in
Web & Mobile App Solution
WebSite :- WWW.Winapps.co.in
Email :- Info@winapps.co.in

Module 1: Introduction to Next.js

1. What is Next.js?
2. Advantages of using Next.js.
3. Comparison with other frameworks (React, Gatsby, etc.).
4. Setting up a Next.js project
   - Installing Next.js.
   - Understanding package.json and scripts (next dev, next build, next start).

Module 2: Basics of Pages and Routing

1. File-based routing.
   - Creating pages.
   - Dynamic routes ([param].js).
   - Catch-all routes ([...param].js).
2. Link component and client-side navigation.
3. Nested routing.
4. API routes:
   - Creating API endpoints.
   - Dynamic API routes.

Pioneers in
Web & Mobile App Solution
WebSite :- WWW.Winapps.co.in
Email :- Info@Winapps.co.in

Module 3: Pre-rendering and Data Fetching

1. Pre-rendering:
   - Static Generation (SSG).
   - Server-side Rendering (SSR).
2. Data fetching methods:
   - getStaticProps
   - getStaticPaths
   - getServerSideProps
   - Incremental Static Regeneration (ISR).
3. Combining client-side rendering with server-rendered pages.

Module 4: Styling in Next.js

1. CSS Modules.
2. Global CSS.
3. Styled JSX.
4. Integration with CSS-in-JS libraries (e.g., Tailwind-CSS, Emotion, or styled-components).
5. Using external style-sheets.

Pioneers in
Web & Mobile App Solution
WebSite :- WWW.Winapps.co.in
Email :- Info@Winapps.co.in

Module 5: State Management

1. Built-in state management using React Context.
2. Using third-party libraries:
    - Redux Toolkit.
    - Zustand or Recoil.
3. Server state with React Query or SWR.

Module 6: Image Optimization

1. Next.js Image component
    - Lazy loading.
    - Responsive images.
2. Configuration of next.config.js for images.

Module 7: API Integration and Server-Side APIs

1. Fetching data from external APIs.
2. Creating REST APIs with Next.js API routes.
3. Middleware in API routes.

Pioneers in
Web & Mobile App Solution
WebSite :- WWW.Winapps.co.in
Email :- Info@Winapps.co.in

Module 8: Performance Optimization
1. Automatic code splitting.
2. Bundle analysis.
3. Optimizing images and static assets.
4. Prefetching and lazy loading.
5. Using next/script for loading third-party scripts.

Module 9: Authentication and Authorization
1. Authentication methods:
   - JWT-based authentication.
   - OAuth with providers (e.g., Google, GitHub).
2. Integrating authentication libraries (e.g., NextAuth.js, Auth0).
3. Middleware for route protection.

Module 10: Deployment
1. Deploying on Vercel.
2. Custom deployments:
   - AWS, DigitalOcean, or other cloud platforms.
   - Dockerizing a Next.js app.
3. Environment variables and configuration

Module 11: Advanced Features
1. Middleware and Edge Functions.
2. Internationalization (i18n).
3. Customizing the Document and App components.
4. Creating custom server for advanced use cases.
5. WebSockets with Next.js.

Pioneers in
Web & Mobile App Solution
WebSite :- WWW.Winapps.co.in
Email :- Info@Winapps.co.in

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 or by phone at- **7015796830**

Pioneers in
Web & Mobile App Solution
WebSite :- WWW.Winapps.co.in
Email :- Info@Winapps.co.in

WINAPPS

+91-7015796830

Info@Winapps.co.in

www.linkedin.com/company/3528440

www.instagram.com/winapps_software

www.facebook.com/winapps.pvtltd

http://twitter.com/winappsPvt

Pioneers in
Web & Mobile App Solution
WebSite :- WWW.Winapps.co.in
Email :- Info@Winapps.co.in

Winapps

Foundation

Here's how you get started
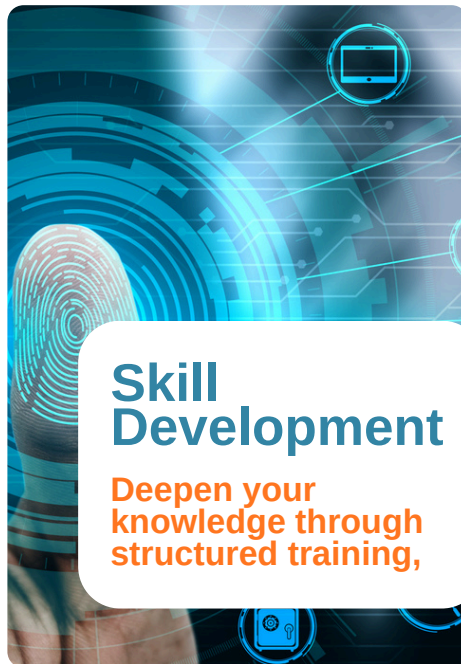
Skill Development

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.