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How Node.js is ideal for mobile application development?

Mobile app development has become a part and parcel of a business willing to cross the boundaries and build a huge customer base. It is an ideal way to target customers directly by using the advantage of smartphones. Applications can be marketed within a shorter time span and can be used as the ideal communication medium between businesses and customers.

Tomi Ahonen, consultant, said,

"Mobile is the enabling centerpiece of digital convergence. Mobile is the glue for all other digital industries to use when approaching convergence, but mobile is also the digital gateway for the real world to join in this global metamorphosis of human behavior."
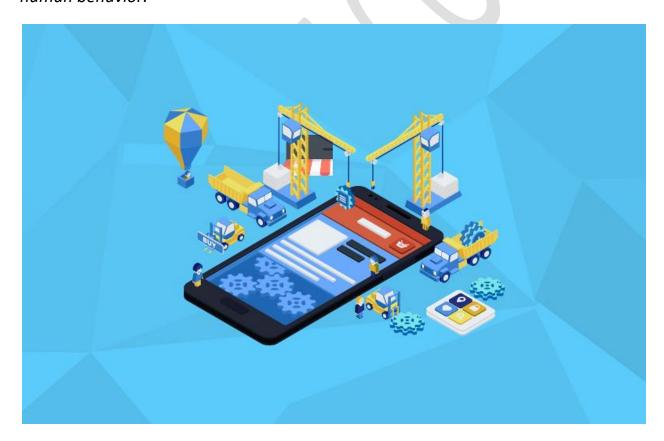

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There are many platforms to develop a mobile application but the developers are leaning more on Node.js for such ventures. Business hiring a **node.js development company** will enjoy benefits incorporated in the online business portal for smartphones. Let us find out why a strong application can be developed using Node.js.

How Node.js can be used to develop mobile apps?

Biggest brands like PayPal, GoDaddy, Groupon, Microsoft, IBM, Yahoo, SAP, etc prefer using Node.js as the ultimate framework for their website and mobile application development process. Node.js is a veteran technology used for web and mobile app development because of its lightweight features and incredible functionalities.

Here is a list of features a **node.js development company** uses for application development.

1. **Runtime Environment**

It is actually a runtime environment used for running apps developed using JavaScript. The virtual machine used by Node.js is JavaScript Virtual Machine (JVM), an open-source V8 engine delivered by Google. It also offers Node API or modules for running Java applications.

2. **Frameworks**

Node.js offers an ideal set of frameworks for mobile app development that answers to computational forces, user experience, and ever-changing digital world. The best-in-class frameworks available in this category are Hapi.js, Socket.io, Express.js, Mojito.js, and Meteor.js. It all depends on the services you need for your business. A suitable framework will be chosen by the service provider and the course of development will be set.

Considering node.js over other frameworks

Building market applications is a time-consuming process. It depends on the platform chosen by the developers to build a framework and complete the construction of a mobile app. In this regard, hiring **node.js development services** will deliver the highest convenience to the businesses in the following ways.

- **Reducing production time and launching an app**

As mentioned earlier, Node.js offers a beautiful feature to the **node.js developers India** where they do not have to use excess coding. The modular feature and design of any framework offered by Node.js is ideal for developing mobile applications within a limited period.

Hiring a node.js mobile app developer will help you deploy the app services and test them at the same time. It will help you to reduce production time and emerge in the market quickly.

- **Ecosystem**

Node.js offers an extensive and excellent ecosystem for mobile app development. A brilliant combination of low-level system development and front-end development can be created for server-side outputs. In fact, NPM is considered to be one of the best future-ready package system used for app development. Apart from 30,000 packages, 300 new units are added every day. Hiring a **node.js development company in India** will deliver more insights into this project you can use to build a better and stronger mobile app.

- **Modular design features**

As mentioned earlier, Node.js demands less compilation of code while generating a mobile app. Its modular design demands less coding. In fact, the response time is shortened. The number of requests per second handled by an app developed with Node.js frameworks is higher than the other ones. Service-oriented apps need this type of framework for developing a complex environment. Hiring **node.js development services** will be ideal for such ventures.

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- **Cost-effective**

Another reason for preferring this framework genre and **hire node.js developers** is its cost-effectiveness. Market research suggests hosting node.js apps require less computing power. Going conventional with a Java platform installation will demand a higher establishment cost. Node.js can run multiple instances with the help of the same hardware configuration and processing power.

Final words

David Murphy, Founder and Editor of Mobile Marketing Daily

"The future of mobile is the future of online. It is how people access online content now."

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Creating real-time applications becomes fruitful when you **hire node.js developer India.** Applications subjected to chatting, messaging, gaming, etc will get excellent support from the Node.js framework. Due to the use of JavaScript, the server and client-side involvement bring better synchronization. Hence, these apps will show higher potential and the overall performance can be regulated. Going for an **offshore node.js development** will be a better idea.