



School of Computer Science and Engineering

Lovely Professional University

Phagwara, Punjab (India)

Tour and Travel Website

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Advance Web Development

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GitHub Link

<https://github.com/robinkashyap/Tour-and-Travel>

Specifications

This project is made up with node.js and Express as backend framework, handlebars as templating engine and MongoDB as database. And Frontend part is made up with React Js.

Node.js

Node.js is an open source, cross-platform runtime environment for developing server-side and networking applications. Node.js applications are written in JavaScript and can be run within the Node.js runtime on OS X, Microsoft Windows, and Linux.

Node.js also provides a rich library of various JavaScript modules which simplifies the development of web applications using Node.js to a great extent.

Following are some of the important features that make Node.js the first choice of software architects.

- **Asynchronous and Event Driven** – All APIs of Node.js library are asynchronous, that is, non-blocking. It essentially means a Node.js based server never waits for an API to return data. The server moves to the next API after calling it and a notification mechanism of Events of Node.js helps the server to get a response from the previous API call.
- **Very Fast** – Being built on Google Chrome's V8 JavaScript Engine, Node.js library is very fast in code execution.
- **Single Threaded but Highly Scalable** – Node.js uses a single threaded model with event looping. Event mechanism helps the server to respond in a non-blocking way and makes the server

highly scalable as opposed to traditional servers which create limited threads to handle requests. Node.js uses a single threaded program and the same program can provide service to a much larger number of requests than traditional servers like Apache HTTP Server.

- **No Buffering** – Node.js applications never buffer any data. These applications simply output the data in chunks.
- **License** – Node.js is released under the MIT license

ExpressJs

Express is a small framework that sits on top of Node.js's web server functionality to simplify its APIs and add helpful new features. It makes it easier to organize your application's functionality with middle ware and routing; it adds helpful utilities to Node.js's HTTP objects ;it facilitates the rendering of dynamic HTTP objects.

MongoDB

MongoDB is a NoSQL database which stores the data in form of key-value pairs. It is an Open Source, Document Database which provides high performance and scalability along with data modelling and data management of huge sets of data in an enterprise application. MongoDB also provides the feature of Auto-Scaling. Since, MongoDB is a cross platform database and can be installed across different platforms like Windows, Linux etc.

React

React is a JavaScript library that aims to simplify development of visual interfaces. Developed at Facebook and released to the world in 2013, it drives some of the most widely used code in the world, powering Facebook and Instagram among many, many other software companies. Its primary goal is to make it easy to reason about an interface and its state in any point in time, by dividing the UI into a collection of components. React is used to build single-page web applications, along with many other libraries and frameworks that were available before React came into life.

Screenshots

Sign In

Let's Travel![Home](#)[About Us](#)[Contacts](#)[Admin Page](#)

Admin Page

Sign InRegister

Email address

Password

Registration

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Admin Page

Sign InRegister

Email address


Password

Re-enter Password




Home Page: -

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Stonehenge
Wiltshire, England



Tour Packages



Parliament Hill

Parliament Hill, colloquially known as The Hill, is an area of Crown land on the southern banks of the Ottawa River in downtown Ottawa, Ontario.

[Details](#)

Sydney Opera House

The Sydney Opera House is a multi-venue performing arts centre at Sydney Harbour in Sydney, New South Wales, Australia.

[Details](#)


Topkapı Palace!

The Topkapı Palace (Turkish: Topkapı Sarayı) or the Seraglio, is a large museum in Istanbul, Turkey.

[Details](#)


Details Of Destination

Eiffel Tower




Wed Oct 30 2019 20:57:13 GMT+0000 (Coordinated Universal Time)

The Eiffel Tower is a wrought iron lattice tower on the Champ de Mars in Paris, France. The design of the Eiffel Tower is attributed to Maurice Koechlin and Emile Nouguier, two senior engineers working for the Compagnie des Etablissements Eiffel. It was envisioned after discussion about a suitable centrepiece for the proposed 1889 Exposition Universelle, a world's fair to celebrate the centennial of the French Revolution. Eiffel openly acknowledged that inspiration for a tower came from the Lattice Observatory built in New York City in 1853.[6] In May 1884, working at home, Koechlin made a sketch of their idea, described by him as "a great pylon, consisting of four lattice girders standing apart at the base and coming together at the top, joined together by metal trusses at regular intervals".[5] Eiffel initially showed little enthusiasm, but he did approve further study, and the two engineers then asked Stephen Sauvestre, the head of company's architectural department, to contribute to the design. Sauvestre added decorative arches to the base of the tower, a glass pavilion to the first level, and other embellishments.




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Topkapı Palace!



Topkapı Palace (Turkish: Topkapı Sarayı) is a large museum in Istanbul, Turkey.

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Thank You