

# NISHTHA GARG

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## SUMMARY

A Web Developer with hands on experience in MEAN Stack technology, specifically designing **REST API's** using **Node.JS** for server-side scripting. Seeking a new role where my resourceful experience coupled with academic skills will add value to organization.

## EXPERIENCE

**Software Engineer**- Computer Touch Pvt. Ltd., India

**June 2015 – Jul 2016**

- Developed a generic API Health Check Module and **wrote REST API's** to check the API status of any service URL's.
- Developed **an application to execute shell commands** on a remote machine and view the outputs in UI.
- Worked on changing the UI of initially implemented applications.
- Collaborated with team members to design an application workflow as per business requirements.

## SKILLS

Programming/Scripting Languages:

Web Technologies:

DBs:

Cloud Platforms:

Front-end UI frameworks:

Other Platforms:

Java, JavaScript (ES6/ ECMAScript2015), Python

Angular, Express.js, Node.js, jQuery, REST

MongoDB, MySQL

Heroku, AWS

CSS3, HTML5, Bootstrap, Semantic UI

Atom, Cloud9 IDE, Docker, GIT, Github

## PROJECTS

### WEB DESIGNING

*Yelpcamp: Campgrounds Reviewing, Website: <https://yelpcamp-nishtha.herokuapp.com/>*

- Technologies: Node, Express, MongoDB:**
- Built a web application which lists the campgrounds of a particular location by implementing **REST API's** along with features like: sign up/sign in as well as add/edit/update and delete campgrounds and reviewing them.

*Blog pages, Website: <https://celeberating-india-blogs.herokuapp.com/>*

- Technologies: Node/Express/MongoDB application using Semantic UI.**
- This website lists the blogs on various festivals celebrated in India. It is built using technologies: Node.js, Express, MongoDB, HTML5 and CSS3. The Users are authorized to perform CRUD (Create, Read, Update, Delete) operations over the blogs model.

*Cookbook*

- Technologies: Angular, MongoDB, Bootstrap**
- Designed and Developed a responsive website listing recipes and selling the ingredients listed in recipes.

*Infrastructure Dashboard*

- Technologies: JavaScript (MVC Arch.), ECMAScript 6, JSON, HTML5, CSS3, Chart.js, Dataframe.js**
- Developed a single page application using MVC Architecture that loads the data as tables on the page and then visualizes the data as charts (Bar Chart, Pie Chart, Line Chart, Doughnut Chart).

*Best Deal Online Shopping Web Application*

- Technologies: Java, JSP, Servlets, MySQL, Apache, HTML5, CSS3, AJAX, MongoDB**
- Developed an efficient Online Shopping Web Application having features like sign in/sign up, search products, add to cart, place order for customers and admin dashboard for managing different products. Special feature of search suggestion box, adding/viewing reviews for different products and connection with social media server were added.

## DISTRIBUTED AND CLOUD COMPUTING:

*Hadoop Word Count on Amazon EC2*

- Technologies: AWS, Hadoop, C++**
- Deployed Hadoop Word Count application on AWS, evaluated its performance on multi-nodes by creating multiple virtual clusters.

*Benchmarking*

- Technologies: C, Pthreads**
- Developed a tool to benchmark different parts of a computer system like- CPU, Memory, Disk, GPU and Network.

## EDUCATION

- Illinois Institute of Technology, Chicago IL**  
Master of Computer Science

August 2016 -May 2018  
(GPA: 3.6 / 4.0)