**NISHTHA GARG**

**Chicago, IL-60616**  **+1**312-522-6424[ngarg5@hawk.iit.edu](mailto:ngarg5@hawk.iit.edu) [](https://www.linkedin.com/in/nishthagarg1807) [](https://github.com/nishtha-garg)

**Personal website**: <https://nishthagarg.herokuapp.com/>

**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: Java, JavaScript (ES6/ ECMAScript2015), Python

Web Technologies: Angular, Express.js, Node.js, jQuery, REST

DBs: MongoDB, MySQL

Cloud Platforms: Heroku, AWS

Front-end UI frameworks: CSS3, HTML5, Bootstrap, Semantic UI

Other Platforms: Atom, Cloud9 IDE, Docker, GIT, Github

**PROJECTS**

**WEB DESIGNING**

*Yelpcamp: Campgrounds Reviewing, Website*: [*https://yelpcamp-nishtha.herokuapp.com/*](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/*](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** August 2016 -May 2018

Master of Computer Science (GPA: 3.6 / 4.0)