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GitHub: <https://github.com/nishtha-garg>

NISHTHA GARG

SUMMARY

2+ years of experience with software/ web development and specializes in **JavaScript, AngularJS, MongoDB, Express.js, HTML5, CSS3, Bootstrap**, successfully designing **REST APIs using Node.js** for server-side scripting and work in **agile** environment.

I'm a Prolific, **Full stack Web Application Developer** with a passion of creating responsive web solutions in least amount of time. I'm looking forward to a **role as Software/Web Developer** to bring my passion to create dynamic, high-speed websites, apps and add value to the organization.

EDUCATION

Illinois Institute of Technology, Chicago, Illinois

August 2016-May 2018

Master of Computer Science (GPA:3.6/4.0)

Related Coursework: Enterprise Web Applications, Data Mining, Computer Networks-I, Geospatial Vision and Visualization, Introduction to Algorithms, Software Modeling and Development with UML, Cloud Computing, Database Organization.

TECHNICAL SKILLS & TOOLS

Programming Languages: Java, JavaScript (ES6/ ECMAScript2015)/ TypeScript, Python

Web Technologies: Angular2/Angular5, Express, Node.js, jQuery, REST, AJAX, CSS3, HTML5, Bootstrap, Semantic UI

DBs: MongoDB, MySQL, Google Firebase

Cloud Platforms: Heroku, AWS

Other tools: Docker, GIT/Github, Karma

PROJECTS

Cookbook:

Jan 2018 – March 2018:

Chicago, USA

Technologies: AngularJS, Google Firebase, HTML, CSS, Bootstrap, AWS

- Designed and Developed a **responsive** website listing recipes and selling the ingredients listed in recipes. It displays the ingredients of recipes at hand and adding them to the shopping list. Google's Firebase is used to handle the back-end of the application. The load-time is taken care with modules and optimized with Offline Compilation. It is deployed on Amazon Web Services

YelpCamp:

June 2017 – Dec 2017:

Chicago, USA

WebsiteLink: <https://yelpcamp-nishtha.herokuapp.com/>

Technologies: Node, Express, MongoDB, Restful routing, Bootstrap

- Built a web application which lists the various campgrounds by implementing **REST API's** following an **MVC architecture**. The application has got 3 models: Users, Campgrounds and Comments along with features of implementing **CRUD** operations (Create, Read, update and Delete) across all the models. Additional features involve: Authorization, authentication and Session management and the application also makes use of Flash messages for **error handling**.

Infrastructure Dashboard:

Jan 2017 – May 2017:

Chicago, USA

Technologies: JavaScript (MVC Arch.), ECMAScript 6, JSON, HTML5, CSS, Chart.js, D3.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 (An e-commerce Shopping Website):

August 2016 – Dec 2016:

Chicago, USA

Technologies: Java, JSP, Servlets, MySQL, Apache, HTML5, CSS3, AJAX, MongoDB

- Developed an **Amazon clone**, efficient Online Shopping Web Application which allows the user to sign in/sign up, search products, add to cart, place orders. The users model involves customers and admin roles where the customer can check out the products and place an order while the admin maintains dashboard for managing different products. Special feature of search suggestion box, adding/viewing reviews for different products and connection with social media server (twitter API) were added.

Celebrating India Blog:

August 2016 – Dec 2016:

Chicago, USA

- **WebsiteLink:** <https://celeberating-india-blogs.herokuapp.com/>
- 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.

National Informatics Center (Ministry of Electronics Information Technology):

June 2015 – July 2016:

Punjab, India

- Drove best practice implementation and **developed a generic API Health Check Module** and wrote **REST API's** to check the API status of any service URL's. **Reduced rework of DevOps team by 20%.**
- Developed an application to execute shell commands on a remote machine and view the outputs in UI and **improved the efficiency** of development team.
- **Boosted user experience scores by 40%** and **overhauled the UI/UX design** of initially implemented applications, and improvised them by adding navigation, creating dynamic media sections, introducing virtual tours, and adding social media plugins.
- **Acquired knowledge of MVC architecture** and **Collaborated** with team members to design an application workflow as per business requirements.

CERTIFICATIONS:

- Foundation Program under the aegis of **Infosys Campus Connect Program:**
(October 2013 - April 2014)
Haryana, India
- An EXCELLENT **Silver Certified Telecommunication Engineer** by **BSNL EETP** Silver Certification training at RTTC (Regional telecom training Centre)
(August 2013-September 2013)
- Industrial Training in **JAVA** at OOPS Info Solutions
(May 2013-August 2013)
Punjab, India