**JOELDEEP KAUR**

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**SUMMARY**

A web developer with hands on experience with a mix of front-end and back-end technologies, including solution stacks like **MEAN**, and server-side technologies like **Node.js**, looking forward to securing an internship or full-time job where my resourceful experience coupled with academic skills will add value to organization.

**EDUCATION**

Illinois Institute of Technology, Chicago, Illinois **August 2016-May 2018**

**Master of Computer Science (GPA:3.77/4.0)**

**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**

**Programming languages:** Java EE(J2EE), Python, JavaScript

**Web Technologies:** Node.js, AngularJS, Express.js, D3.js, TypeScript, ECMAScript 6, jQuery, Bootstrap, Semantic UI, CSS , HTML5, AJAX, Apache Tomcat

**Cloud Platforms:** AWS, Heroku

**Database:** MySQL, MongoDB, Oracle

**EXPERIENCE**

**Software Developer** – Computer Touch, India **June 2015 – July 2016**

* **Designed Node.js application** components through **Express**.
* **Acquired knowledge of MVC architecture and developed REST API in Node.js** for developing a Health Module that was aimed for checking the server status of the application.
* Integration of user-facing elements developed by front-end developers with server-side logic.
* Developed and administered the new **AngularJS** based website.
* Designed and developed **secured** user input module using **AngularJS.**
* Closely worked with back-end developers to optimize existing Web technology and create the best possible user experience.

**PROJECTS**

**Full Stack Developer Bootcamp | Technologies: Node JS, Express, MongoDB, Restful routing, Semantic UI**

* **YelpCamp**: Designed and developed a web application that lists the campgrounds in an area, along with features of users to register and adding/editing/deleting the campgrounds.
* **Blog:** Designed and developed a blog page.

**Infrastructure Dashboard | 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).

**Hadoop WordCount on Amazon EC2 | Technologies: Java, AWS, Hadoop**

* Deployed Hadoop WordCount application on AWS, evaluated its performance on multi-nodes by creating multiple virtual clusters.

**Benchmarking | Technologies: C, Pthreads**

* Developed a tool to benchmark various parts of a computer system like- CPU, Memory, Disk, GPU and Network.

**Hotel Reservation System | Technologies: Python, Django, MongoDB, MySQL, HTML5, CSS3, AJAX, XML, Apache Tomcat**

* Designed and developed a website for making online reservations having features like sign up/sign in, search rooms (search suggestion), check availability, book room, cancel booking, make payment, write reviews, read reviews, administrator dashboard for adding rooms, deleting rooms, giving discounts, cancelling orders.