

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:

Web Technologies:

Java EE(J2EE), Python, JavaScript

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

AWS, Heroku

Cloud Platforms:

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, Bootstrap

- **YelpCamp:** Designed and developed an [Online Social Media – ‘YelpCamp’](#) aimed at sharing different campgrounds across the world. It is implemented using RESTful routing following an MVC architecture. It has three modules namely – User, Campgrounds and Comments. It involves implementing the CRUD operations on all its modules. For the security issues the app is equipped with features like authentication, authorization, and session management. Flash messages are implemented for error handling.
- **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 – ‘Infrastructure Dashboard’](#) 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.