Jaspreet Singh

Software Engineer

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# PERSONAL SUMMARY

* Project Based experience with nodeJs and Java.
* Source code deployment with Git.
* Distributed Systems.
* Java **data structures.**
* **REST API**
* Design code, document the features, develop Api and test existing and new applications/services.

# SKILLS

**Programming Languages** Java, Nodejs

**Source Control** GIT

**Database** SQL, NoSQL(Mongo) with Mongoose

**Tools** Visual Studio, Intellij, Junit

**Web Development** HTML, CSS, JavaScripts, ExpressJs, HTTP

# EXPERIENCE

## Ticketmaster – *Field Support Specialist Level-1*

FEBRUARY 2018 - PRESENT

TECHNOLOGIES -

* Working on Scanners in house technology including web servers and android and windows OS.
* Site Setup with Access Points and cabling.
* First point of contact for services issues.
* Act and Recovery plan management before and after reaching the client site.
* Making manuals for distant clients to act and explaining technology to them.

# EDUCATION

## Dalhousie University, Halifax, NS*- M.Engg in Internetworking*

SEPT 2015 – JUL2017

# PROJECTS

## Weather API (https://puneet-apit-weather.herokuapp.com/)

TECHNOLOGIES – JAVASCRIPT, NODEJS, ExpressJs, HTML, CSS

* Front end made in Node making use of two free API(dark sky and mapbox) to display data about the weather of the entered city.
* Made use of express server
* Project structuring
* working with json data

## Search Engine (<https://github.com/puneetoberoi/puneet-searchEngine-api>)

TECHNOLOGIES - NODEJS, HTML, CSS, JAVASCRIPT, JAVA, JDBC

* The project is divided into 4 parts/API’s-
* All the Api work independent of each other.
* Front End Nodejs API which is called the submitter. It is used to register the registerd link to a domain and stores that values to a unique url table in the mysql database.
* Backend Java API - THis is called the crawler which grabs all the sublinks of the registered and unique url and store them in another unique url table in mysql database. Use of Prepared statements for fast processing.
* Backend Java Api - This is the the main algo part of the program of how to divide the last piece of code from which the user query can be searched and given results.
* Here we store individual word against the url and the url gets added to the same word for different websites.
* Node Frond end Api - Last search browser is given to the user where he can perform the query and the results will be shown to the user. Here we take the user query, sort the results by score (related to mongodb) and show the result of the most satisfying answers.
* Both the Node from end APi we have used HTML, CSS and hbs templating engine for displaying dynamic results.

## Personal Website

TECHNOLOGIES – JAVASCRIPT, NODEJS, ExpressJs, HTML, CSS, BOOTSTRAP

* API endpoint for Login/Register and a Guest link to go to user-dashboard.
* Endpoint to check if the user is still logged in or not.
* Endpoint to show user-dashboard after validating the password and username.
* Hover over buttons to show different information which can be divided as -
* Contact information
* Projects worked
* Endpoint to post a new article and it is added to the database.
* Mysql database is used for storage.