Saurabh Joshi

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SUMMARY:
Recent Graduate from Rochester Institute of Technology in Information Sciences and Technology seeking full-time career opportunities.

EDUCATION:

M.S, Information Sciences and Technologies.	Rochester Institute of Technology.	2019.
B.E, Information Technology.	Mumbai University, India.	2016.
Diploma, Computer Technology.	Maharashtra State Board, India.	2013.

RELEVANT COURSEWORK
Analytical Thinking, Knowledge Representation Technologies, Client Design and Development, Knowledge Process Technologies, Data Warehouse, Data Driven Knowledge, Visual Analytics, Web1, Database Management, Intro to Geographic information system.

TECHNICAL SKILLS:

Programming Languages	:	Java, Python, R, c#.
Web Technologies	:	HTML5, CSS3, JavaScript, jQuery, React.js, Angular4, Redux, Node.js, XML, JSON, Hibernate, Spring-MVC.
Database	:	MySQL, MS SQL, MongoDB, Neo4j.
Tools	:	MySQL Workbench, Git, Docker, Pentaho, ArcGIS pro, Tableau, Maven, Gradle, Junit, Mockito, MapStruct.
Servers	:	Apache.

EXPERIENCE:

- **Student Lab Assistant at Rochester Institute of Technology.**

  Helping System Administrator with looking after lab requirements and resolving software hardware and networking issues. Maintaining the inventory for all the department labs.

ACADEMIC PROJECTS:

- **RESTful API Client for Emergency Service Directory:**   **JavaScript | jQuery | Bootstrap | REST API | HTML5 | CSS3**

  Designed and developed using module pattern, a Web portal for emergency services with User Interface for information on data such as physicians and treatment facilities using REST API. The project showcased use of AJAX and jQuery as well as developing custom plugins with aim to consume, transform and displayed data on web application.

- **Weather application using React.js:**   **React.js | Bootstrap | REST API | HTML5 | CSS3**

  Single page weather application with react.js and Open Weather Map API. Application provided latest weather update of various cities around the world. Undertook a components-based approach using React framework and used additional libraries such as moment.js for date manipulation.

- **Mobile Application Review Classification:**   **HTML5 | CSS3 | JavaScript | Python**

  Text mining and analysis of the unstructured data from google play of various android applications. Sentimental Analysis using Bayesian classification algorithm was successfully demonstrated to obtain meaningful results on Google Play Reviews.

- **Soccer Dream Team Web application:**   **JavaScript | HTML5 | CSS3**

  Vanilla JavaScript application exhibiting the dynamically created dropdown menu after selecting each choice to create a futsal (five-a-side football) team. The project showcased the use of DHTML animations along with features like form validation for the user and local storage along with Cookies.

- **Enhanced RTO Driving License system:**   **Android | ASP .NET | MS SQL server**

  Developed keeping in mind Digital India campaign, this system aims to automate license verification and fine collection during a traffic stop by law enforcement agencies in India using NFC technology. The primary goal was to develop a prototype system which can work on any touchscreen mobile device containing NFC by law enforcement officer.

- **Fake news Data Analysis:**   **R | Python**

  Creation of data models such as linear regression to get meaningful analysis on data on fake news. The data collected was cleaned and preprocessed using text processing techniques like stemming after which model is trained and tested to find details of menace cause by fake news in the modern information domain.

- **Data Warehouse creation for a company:**   **MySQL Workbench | MS Excel | Pentaho**

  Created a Data warehouse project where data from three different division of a company was cleaned and transformed using MS Excel and Pentaho before loading in the star schema database created using MySQL Workbench (ETL). With the developed system, finance and analysis for the entire company became possible via SQL command.

- **Tweets Search application:**   **HTML5 | CSS3 | JavaScript | Node.js | Mongo DB**

  Simple application to search tweets using MongoDB and Node.js. Based on the user query the application creates a list on the Front-end and user can annotate the Tweets which is being stored in the database to be reviewed again if required.

- **Performance Appraisal System:**   **VB.NET | MySQL**

  Designed and Developed appraisal system for diploma college in which students can appraise the performance of the professors in confidential pattern. The system was developed keeping in mind HR department of the college to assess the teaching standard and suggests improvements to professors.

ACHIEVEMENTS & AWARDS:

- 'Big Data Administrator' Certificate from simplilearn.com.
- Participation in 'Technofest 2013' a national level project competition cum exhibition.
- 'Basic First Responder Training' by Disaster Management Unit of Mumbai Municipal Corporation.