

RAGHAVENDAR RAVI

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PERSONAL PROFILE

- Skilled Developer with 8 months of Internship experience as a Software Developer with a history of working in the service-based industry.
- Completed Master of Science in Big Data Management & Analytics at Griffith College - Ireland and Bachelor of Technology in Computer Science Engineering.
- Strong skills in Java, Python, Spring Boot and ReactJS.
- Seeking for Junior Position in Software Development to exhibit my logical and technical skills in growth of the organization.

TECHNICAL SKILLS

- **Languages/Scripts:** Java, Python, R-Programming, HTML, CSS, JavaScript.
- **Frameworks:** Spring Boot, Django, ReactJS, Bootstrap.
- **Databases:** PostgreSQL, MySQL.
- **Web Template:** Jinja2 Template.
- **Visualization Tool:** Tableau.
- **Big Data Technologies:** Map Reduce, HDFS, Spark.
- **Cloud Platform:** Google App Engine.
- **Version Control:** Git, GitHub.
- **Machine Learning Frameworks & Architecture:** TensorFlow, MobileNet Architecture.
- **Operating System:** Linux, Mac, Windows.

WORK EXPERIENCE

Software Developer Intern - Remote

Oct 2019 – Jun 2020

Precision IT Systems

- Designed, maintained, and developed Rest API end-points which interact with Postgres Database using Spring Boot, Spring Data JPA, and Java.
- Developed new UI features for existing web applications using ReactJS.
- Involved in developing test cases using Junit and Mockito.
- Worked in an Agile (Scrum) environment and participated in various sprint ceremonies.

EDUCATION

Master of Science in Big Data Management and Analytics
Griffith College Dublin, Ireland

Sept 2017 – May 2019

www.griffith.ie

Relevant Modules: Concurrent & Parallel Programming, Cloud Computing, Applied Data Analytics, Information retrieval and Web search, Big Data Analytics, Big Data Management, Data Mining Algorithm Techniques.

Bachelor of Technology in Computer Science Engineering
Dr. M.G.R Educational and Research Institute, India

Sept 2012 – June 2016

www.drmgrdu.ac.in

Relevant Modules: Object-Oriented Programming, Java Programming Language, Advance Java Programming Techniques, Web Technology, Data Structure & Algorithm, Data Mining and Data

Warehousing, Data Mining and Database Management System, Computer Architecture, Computer Networks.

PROGRAMMING PROJECTS

Master's Dissertation - Object search application with Transfer Learning: Using MobileNet architecture and a new session of the linear regression, trained a network ops to detect the object and search for where to find the scanned object in near stores. The network model is trained using TensorFlow and fruit-360 data in python then, the node is converted into protocol buffer file and fed into the Android Studio to create an application.

Anagram Search Engine in Google App Engine: Developed a search engine to find the anagrams for the input word. The user can also upload a .txt file to provide their own set of anagram words. It is created in the google app engine (a PaaS cloud platform) using Python and, Jinja2 Template.

Twitter Clone in Google App Engine: It is a basic implementation of Twitter where, users can Post, Delete, and Edit their tweets and also can follow and view other user and their tweets. It is created in the google app engine (A PaaS Platform in the cloud) using Python, Jinja2 Template, HTML, and CSS.

Fraudulence detection in Weka: Analysed and Detected whether a transaction in credit card is fraudulence or not using machine learning techniques like the classification process - J48, random forest, and cluster - K-means. The class balancer is used to balance the negative and positive class data.

Data Visualization in Tableau: Created 11 dashboards on the "2016-Police killing in the U.S" dataset with the help of data blending and calculation score in Tableau to find how many people were killed in the U.S by cops/sheriffs, based on their ethnicity, whether victims are armed or not, and their age, gender, the incident that happened in a particular state, and year.

Bachelor's Final Project - E-Learning Management System: It is an online application enables the end-users to register, learn and can take exams on their desired subjects. HTML, CSS and JavaScript were used to create UI and Java as backend is used along with MySQL for the database.

SOFT SKILLS

- Critical and Strategic Thinking.
- Team Worker.
- Problem - Solving.
- Attention to Details.
- Time Management.
- Bilingual Communicator (English, Tamil).

CERTIFICATION

- Certificated in SQL Management Server, FITA ACADEMY, Chennai-India.
- Certificated in Big Data Hadoop, FITA ACADEMY, Chennai-India.

ACHIVEMENTS AND INTERESTS

- Organized as Volunteer in workshop on - Neural Network, fuzzy logic and its application by IEEE computational intelligence society (August 2014).
- In-Plant Training on "Networking" in BSNL Rajiv Gandhi Memorial Telecom Training Centre (September 2015).

REFERENCE AVAILABLE UPON REQUEST