RAGHAVENDAR RAVI

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PROFILE

- Currently working as a Software Developer Intern (Remotely) at Precision IT Systems.
- Completed Masters in Big Data Management & Analytics and Undergraduate in Computer Science Engineering.
- Strong skills in Java, Python, Machine Learning and ReactJS.
- Seeking for Junior Position in Software Development to exhibit my technical and logical skills in growth of the organization.

EXPERIENCE

Software Developer Internship – Remote   Precision IT Systems | Oct'19 – Present

- Designed 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.
- Implemented unit test with Junit and Mockito.
- Worked in Agile and Scrum environment and participated in various sprint ceremonies.

EDUCATION

Master of Science in Big Data Management and Analytics
Sept'17 – May'19   Griffith College Dublin | www.griffith.ie

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

Dissertation: Object Search Application with Transfer Learning (A Machine Learning Model): The application will detect the input object and search for, where to buy the scanned object/product from stores near to your location. Python, Tensorflow and MobileNet were used to train the network and Android studio (Java) is used to create User Interface.

Projects:
Cloud Computing:
1. Project-1: Built a replica of the of Twitter Application on Google App Engine (a Pass Environment) using Python as back-end and Html, CSS and, Jinja2 Templates as front-end.
2. Project-2: Created a Cloud Storage Application on Google App Engine using Python language as Back-end and HTML, CSS, Jinja2 templates as Front-end.

Data Mining Algorithm: Detection of Fraudulence in Banking Sector using Data Mining techniques of Cluster (K-Means), Classification process (J48, Random Forest) and Class Balancer Technique on "Credit Card Fraud Dataset" in Weka and R-Language.

Applied Data Analytics: With the help of Data Blending and Score Calculation, created data visualizations on "2016-Pollice killing in U.S" dataset using Tableau.

Big Data Management:
1. Project-1: With the help of Spark SQL, created a batch layer (off-line processing pipeline) of the lambda architecture on "MovieLens" dataset from Kaggle.
2. Project-2: Created a sentimental analysis on Twitter data by using Python.

Bachelor of Technology in Computer Science Engineering
Sept'12 – June'16 Dr M.G.R Educational and Research Institute, India| www.drmgrdu.ac.in

Relevant Modules: Object-Oriented Programming, Java Programming Language, Advance Java Programming Techniques, Web Technology, Computer Architecture, Computer Networks, Data Warehousing, Data Structure & Algorithm, Database Management System, Database Tuning, Data Mining and Data Warehousing.

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 GUI and for back-end, Java as backend is used along with MySQL for the database.

SKILLS

- Programming Language: Java, Python, R-Language, JavaScript.
- Web Scripting/Design: HTML, CSS.
- Front-End Framework: ReactJS, Bootstrap.
- Web Template: Jinja Template Framework.
- Framework: Spring Boot.
- Visualization Tool: Tableau.
- Database: PostgreSQL, MySQL.
- Big Data/Hadoop Technologies: HDFS, Hadoop, Spark.
- Cloud Platform: Google App Engine(Paas).
- Version control: Git, GitHub.
- Machine Learning Frameworks & Architecture: TensorFlow, MobileNet.
- IDE: IntelliJ, Eclipse, Atom, R-studio, Android-Studio, Juypter Notebook, PyCharm.
- Operating System: Linux, Windows.

CERTIFICATION

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

ACHIEVEMENTS 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).**

LANGUAGE

English(Fluent written & oral), Tamil(Native).

REFERENCE AVAILABLE UPON REQUEST