DIBYA RANJAN SAHU

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Professional Summary:

Complex problem-solver with an analytical and driven mindset. Dedicated to achieve demanding objectives according to tight schedules. Valuable team player with personable and dedicated nature.

Skills:

- ➢ Languages: R, Python (Pandas, Numpy, Matplotlib, Scikit)
- ➢ Statistics & Probability for Data science
- ➢ Machine Learning Algorithms: Linear & Logistic Regression, Decision Trees
- ➢ Data Analytical languages: R, SQL, HTML, CSS
- ➢ Visualization tools: Tableau, RShiny
- ➢ Reporting tools: MS Excel, Jupyter Notebook

Analytics Projects:

➢ **Project 1 : House Price Prediction: Language : Python , OS: Windows**

It is important to predict housing pricing without bias to help both buyers and sellers make their decisions. To get the best prices for house using Machine learning algorithm.

➢ **Project 2: Cancer Detection using Artificial Neural Networks (MATLAB)**

The main aim was to implement a system called Cancer detection which will be user-friendly, less expensive & less painful to the patient. A system is based on AI and makes it suitable for Real-time application. The method used for implementation is used to extract various disease specific features and using ANN we discriminate the input voice sample.

➢ **Project 3:** Coursera Capstone Project: Battle of Neighborhoods - (Python ,Windows)

In this project we used segmentation and clustering to determine the similarity/dissimilarity of two cities. This project also helps to determine the safest place in an area based on total crime using K-mean clustering.

➢ **Project 4: Consumer Complaint Resolution: Python/Windows**

Consumer complaint resolution is important to any business. Using ML algorithm to predict the consumer behavior which can be given more attention in order to handle the complains.

➢ **Project 5: Laptop Sales prediction: R, Excel, Tableau**

The objective was to determine product strategy and pricing policies that will maximize companies projected revenue for next year. Performed data exploration on how pricing, location and configurations are related to revenue of the company. Provided recommendations regarding optimal business strategy by analyzing revenue & profit trends.

Work Experience:

- COMPANY NAME: **IPSOFT GLOBAL SERVICES PVT. LTD.**
  - DESIGNATION: **APPLICATIONS ADMINISTRATOR**
  - PERIOD: (MAR 2018 – PRESENT)
  - CLIENT NAME: MOODYS CORPORATION, US
  - Web based development experience utilizing Python
  - Experience in Debugging and software fault-diagnosis on Linux.
  - Designed a web based system to improve business intelligence, logistics, manage inventory and sales, and forecast demand.
  - Programmed, tested, and implemented a user login, product registration, order placing & tracking, and statistics reporting system.
  - Delivered performance-driven and user-centric websites that met all business requirements.
  - Monitored and updated back-end data by inter-communicating between softwares.
  - Maintained existing applications and designed and delivered new applications.
  - Developed code fixes and enhancements for inclusion in future code releases and patches.

- COMPANY NAME – **CONFLUEX MARKETING PVT. LTD**
  - DESIGNATION: **FULL STACK DEVELOPER**
  - CLIENT NAME: ATLASWARE INDIA
  - PERIOD: (SEP 2017- FEB 2018)
  - Experience in Web Development & Customizations for E-commerce Applications Such as **Mautic, Magento and Drupal.**
  - Knowledge on Developing API & Plug-in for various applications written in Java & PHP.
  - Creating Interactive Reports using tools such as **JASPER, R-SHINY**
  - Good Understanding on WORDPRESS, DOCKER, CMS, LMS & Web Technologies such as HTML, CSS & JAVASCRIPT.
  - Discussed project progress with customers, collected feedback on different stages and directly addressed concerns.
  - Gathered and defined customer requirements to develop well-organized project plans based on clear specifications.

Education:

- B. Tech (ECE) from National Institute of Science & Technology (BPUT) in 2017 with 7.92 CGPA
- 10 + 2 from Kendriya Vidyalaya, Berhampur (CBSE, NEW DELHI) in 2013 with 60%
- 10th from Kendriya Vidyalaya, Berhampur (CBSE, NEW DELHI) in 2010 with 7.8 CGPA

CERTIFICATION COURSES:

- IBM certified Data Science Professional Program through Coursera
- IABAC certified Data Scientist through Datamites
- Data Science-2019 using Python through Udemy
- Machine Learning using Python
- Programming in Core Java, J2EE.
- Programming in Oracle-11g.

ACHIEVEMENTS:

- Best Performer Award – 1st Quarter - 2019 at IPsoft
- Certified as 9 pointer SGPA in B. Tech 8th semester
- Awarded as Teaching assistant in DSTN in the year 2016

ACADEMIC PROJECTS / SEMINAR:

> **Speech processing and analysis (MATLAB)**

This project was aimed to study about speech processing by analyzing the input voice samples by extracting its speech features. By designing a user interface for analyzing the features made easy for users to analyze input voice samples

> Presented Technical Seminar on "5G Ultra Dense Cellular Networks"
> Project on "Spectrum Sensing of Cognitive Radio Networks"

EXTRA-CURRULAR ACTIVITIES:

> Participated in 6th IEEE EDS MINI-COLLOQUIM at NIST, Berhampur.
> Participated in ITPB LIVEWIRE SPORTS-2018
> Participated in 21st National Youth Parliament Competition at Kendriya Vidyalaya No.1, BBSR.
> Participated in SANKALP TECHFEST at NIST, Berhampur.

PERSONAL INFORMATION:

> Full Name: Dibya Ranjan Sahu
> Father's Name: Niranjan Sahu
> Mother's Name: Jhunu Rani Sahu
> Date of Birth: 22nd July 1994
> Languages Known: English, Hindi, Odia
> Hobbies: Reading newspapers, listening music, Learning new things
> Key Strength: Ambitious, Optimistic, Motivating skills, Good communication
> Permanent Address: Jayadurga Nagar, Berhampur-760010 (ODISHA)
> Corresponding Address: Whitefield, Bengaluru-560066 (KARNATAKA)
> GitHub: https://github.com/dibyaranjan94
> Kaggle: https://www.kaggle.com/dibyasahu

DECLARATION:

I hereby declare that the above information provided is correct and up to date to the best of my knowledge.

Date: / 10 / 2019   DIBYA RANJAN SAHU
Place: Bengaluru   **(Signature)**