**SONICA BENDRE**

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###### A Certified Data Scientist with 3.8 years of experience in Accenture. Quick learner with a can-do attitude, highly ambitious, motivated, a creative thinker who strives to bring innovations from my strong problem-solving and analytical skills acquired from the world of data science.

###### EDUCATION

###### B. Tech in Electronics and Communication, *BVBCET, Hubli* 2013 – 2017

* Grades: GPA: 8.8/10
* Courses: C, C++, Java, Data Structures, SQL, Microcontrollers, Wireless communication, MATLAB.

###### WORK EXPERIENCE

**Accenture Bangalore India *Software Engineer* December 2017- October 2018**

* **HP chat bot and Automation Project, Client HP, Duration: 1800 hours**

- Reduced data mining time by automation, saved 24 hours, and assisted in faster analysis of the dataset.

- Created algorithm to automate the test script generation, resulting 30% saving of development time using Selenium and Appium.

- Developed administrative skills and understanding of organizational skills.

- Ensured accurate classicizing of records and meticulous proof reading.

###### Accenture Bangalore India *Software Engineer Analyst* October 2018 - Present

* **COX Business MyAccount Telecom Business Project, Client: COX, Duration: 6000 hours**

- Presented recommendations to client, all implemented within 3 months and delivering 40% increase in app store/play store ratings within 6 months.

- Reduced testing time by 40% by automation, delivered 99.99% defect free application for every release.

- Presented the project growth and achievements for the stake holders and leadership.

- Introduced automation into the project and automated the applications.

- Highest contributor at the time of application release and recipient of appreciation for the extraordinary work.

- Worked on Agile SDLC, Software requirements, Software application testing, and agile methodologies.

- Created automated reports for every sprint

###### PROJECTS

* **Image Classification**: Machine learning models to classify images based on color using KNN. Tools used: Google Collab, Machine learning, Python.
* **MNIST dataset:**  Used deep neural network to predict the MNIST data and deployed the model using FLASK. Tools used: Google Collab, Machine learning, Python, NumPy, pandas, Tensor Flow.
* **Telecom data**: Data processing, Data Visualization, creating interactive dashboard on **demographics** **of** **user based on app download and usage behavior in a telecom company**. Tools Used: **MySQL, Python, Jupyter**

**Notebook**

* **human voice recognition**: Data visualization and machine learning prediction model for human voice recognition dataset. Tools used: Google Collab, Machine learning, Python, NumPy, pandas. (Reduced error by 8% using XGBOOST classification)
* **Recommendation systems**: Machine learning prediction model using Naïve Bayes for Spam/Ham messages prediction. (Reduced error by 5% using Random forest classification)
* **Credit card Fraudulent Prediction:** Data visualization and machine learning prediction model for credit card fraud analysis. Tools used: Jupyter Notebook, Python. (88% accuracy)
* **Sales Products**: EDA, Data visualization on Sales Products revenue dataset. Tools Used: **Tableau**

###### TECHINCAL SKILLS

**Languages:** Python, Java, C++, C, SQL, MATLAB **Version tools:** Git, Flask, Jira, Jupyter, MS Excel, MS office, Azure

**Technology:** Anaconda, HTML5, CSS, SAS, Scikit Learn, Matplotlib, A/B Testing, TensorFlow 2.0, Keras, Power BI, SAP BI, Tableau, NLP, OpenCV, Neural Networks, Recommendation systems, CNN, Time series forecasting, ARIMA, exponential smoothing, LSTM, AirFlow.

**Domains**: Data Science, Data Analysis, Software Engineering, Artificial Intelligence, Statistics, math, Data Visualization,Web applications, Machine Learning models, CNN.

###### CERTIFICATIONS

* Global Certification in Data Science, Machine learning and AI, INSAID *2020*
* Agile in the New, Accenture *2020*
* Power BI- Data Analytics Essentials with Power BI, Udemy *2020*
* Tableau, Data visualization with Tableau, Data Camp *2020*
* Complete Tensor flow 2 and Keras Deep Learning, Udemy *2020*

###### AWARDS AND ACHIEVEMENTS

* Won **‘**Ace Employee of the year**’** for the year 2018 for innovative automation ideas, and introduction of new reporting methodologies.
* Recognition in All Hands meet for outstanding performance.
* Co-Founder of a Startup called “THE NOVEL STORE”.
* Shortlisted for “INSCRIBE” Robert Bosch national level technical competition.
* Technical paper selected in SHRISTI national level technical competition.
* Winner of “CRISIS MANAGEMENT” event 2017.