**Nagadurga Battula**

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**Professional Summary**

* Having 2.2 years of experience in core Analytics, Experience in Banking, Telecom, E Commerce and collection Strategy models as Data Scientist.
* Having good knowledge on Advanced analytical methods, Machine Learning (KNN, SVM, Decision Trees, Clustering, Random Forest), Regression models (Logistic regression, linear regression, Multiple linear regression), Data mining, basics of neural networks and deep learning.Extensive use of Exploratory data analysis using R and Python
* Worked on Sentiment Analysis using Rsentiment, Syuzet packages in R
* Enthusiast in learning python and implemented a dashboard using flask and Django
* Enthusiast in learning AngularJS and implemented a Diamond App Project.
* Proficiency on SQL Server

**Work Experience**

* Working as Junior Developer in Axon Machine Learning (Axon ML), Vijayawada (October-2016 to august 2018)
* Working as a Python developer in Codon Software Pvt Ltd from September 2018 to till date
* Worked as Intern from Feb-2016 to Sept-2016 at Axon ML Technologies

**Education**

* B. Tech in Computer Science and Engineering (2015) from J.N.T.U-Kakinada with 70%
* Board of Intermediate Education (2011) from Narayana Junior College with 73%
* Board of Secondary Education (2009) from Vivekananda Centenary High School with 87%

**Technical Skills**

Programming Languages Web Technologies Database Technologies

R, Python, Rest Web Services HTML, CSS, Java Script, AngularJS SQL Server

Web Server

Tomcat

IDE

Application Servers

Source Control

Operating Systems

R Studio, Visual Studio

Shiny Server

GIT

Windows

**Project Profile**

**Project: Live Map**

**Description:** The application is Related to Service Apartments. They can check the availability ofapartments and Book the apartment on the Availability of Slot for Customer.

**Responsibilities:**

* Developed a Dashboard which is a showcase to Specifying availability and Locations with Month Rate.
* Gathering the Requirement and Understanding about the data
* Showing the menu bar with filtering like location, Rate etc.
* For data retrieval data connected to database and get the data using queries using joins, sub
* queries etc.

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* Responsible for Development, Enhancements, Deployment and Delivery.

**Environment:** R, Proc SQL, Data analysis Techniques like Logistic Regression

**Project: SLC Active Wear**

**Description:** The application is related to Ecommerce. We have created an admin dashboardusing R with Machine Learning to get an idea of Inventory, Predictions and Sales.

**Responsibilities:**

* Developed a Dashboard which is a showcase to Sales, Inventory and Predictions.
* Found the patterns in data and find use cases like monthly sales, inventory stock, top brand etc.
* Also showcase the KPIs like top selling product, top branch etc.
* For data retrieval data connected to database and get the data using queries using joins, sub queries etc.
* Prepared Documentation for the application.
* Responsible for Enhancements, Deployment and Delivery.

**Environment:** R, Proc SQL, Data analysis Techniques like Logistic Regression and linear model

**Project: ATM Dashboard using Python**

**Description:** The application is related to the domain Banking. In this projectwe are collecting ATMsdata like City, Area, Transaction Details, Transaction Failure Reason etc. By using these Entire Information, we designed some useful insights and developed the dashboard using Python (Flask)

**Responsibilities:**

* Developed a Dashboard which is a showcase to Specifying the insights of the ATM.

Finding the patterns and built the use cases like City wise ATMs, Amount Withdrawn per Day in City wise, ATM Failures etc.

* Gathering the Requirement and Understanding about the data
* Responsible for Development, Enhancements, Deployment and Delivery.

**Environment:** Python (Flask Project), Visual Studio, SQL Server, HTML, CSS, Java Script

**Project: Diamond Inventory Management System Using Angular Material**

**Description:** The application is Related to Diamonds. In this Project we are collecting the RawDiamonds (Rough Diamonds) and we are giving these raw diamonds to the Manufacturer to convert these Raw Diamonds in to the Actual Diamond which is used by the End User And simultaneously we must enter the details of the diamonds. Up to now they are maintaining these Information in Excel Sheet. Now we are developing it as a online product using the technology AngularJS by using Angular Material Components.

**Responsibilities:**

* Designing the UI to enter the details of Rough Diamonds and Finished Diamonds.
* Maintaining the Rough diamonds and Finished Diamonds Information like size, purity, weight etc.
* Also balance the weight of the rough and finished diamonds information.
* Responsible for Development, Enhancements, Deployment and Delivery.

**Environment:** Visual Studio, AngularJS, Angular Material Components

**Project: eveXso Warehouse management**

**Description:** For maintaining the inventory in large warehouses, developed a web app for

Creating the new sale orders, purchase orders and new inventory etc. Also developed the IPod and iPad apps for managing the inventory, sales and purchase orders.

Using python rest api’s retrieve the data from the client erpdb and stored im eveXso db.

**Responsibilities:**

* Using the python rest api’s concept connect to client erp and make a call to their api
* And retrieve the data and stored in staging db and eveXso db
* Also using the soap client retrieve the data by connecting to the client erp
* Also creating the data base models for postgres db’s for staging and eveXso
* Using the sql alchemy ORM concept dealing with the postgres db

**Environment:** Python, Eclipse, Postgresql, HTML, CSS,.