**SUMMARY**

* Dedicated data science enthusiast to pursue a challenging career in the field of data analytics that utilises my technical skills to benefit mutual growth and success and offers me a learning atmosphere.
* Business Intelligence professional with 2.4 years of experience from Capgemini as an ETL and Power BI developer in the field of Consumer Analytics.

**KEY SKILLS**

* Machine Learning – Supervised / Unsupervised Learning, Statistics, Data Wrangling
* Power BI, Tableau, SSRS
* Data Management – SSIS, Teradata, SSMS, Oracle 18g, MySQL
* Python, Java, C, C++
* Microsoft Azure – Cube Development with SSAS, Azure Data Storages, PowerShell Scripts, Azure Data Factory, Event Hubs and Stream Analytics.

**PROFESSIONAL SUMMARY**

**Senior Software Engineer / Senior Analyst, Capgemini**  **2016 - 2018**

* ETL Developer/ Power BI Developer
* Consumer Hub Application Development - Worked in Consumer Analytics, where we integrated multiple sources into Azure Data Warehouse in Azure platform and used Power BI for reporting with SSAS.

**Achievements**

* Created a report on “Weekly Pacing of Consumers” that determines the trend of consumers which received wide appreciation.
* Completed many enhancements that includes cleaning JSON files using SQL, automated mailing system on the process completion using C# script without missing any deadlines.
* Handled development and production support simultaneously, without missing any SLA.

**ACADEMIC PROJECTS (3 top projects)**

* **Project 1**

Perspectives of Assistive Technology – Approach to help elderly people

Description:

A domestic device that can be employed for healthcare and life monitoring for elderly people. The system collects the health status of users and exchange information with cloud expert system or doctors to facilitate elderly people’s life, especially for those with chronic diseases.

**Key skills**:

C, 3-Axis Accelerometer, Heat Sensor.

* **Project 2**

Exploratory Data Analysis – Lung Dataset

Description:

To clean the dataset having null values and outliers. To perform data analysis on Lung Capacity based on 5 independent attributes and to explain the relationship between independent and dependant attributes.

Outcome: Interesting Insights about which factors affect Lung Capacity, like males having 12.06% higher capacity than females, Smokers have lesser lung capacity, Tall people have higher capacity, etc.

**Key skills:**

Python, Pandas.

* **Project 3**

Personal Loan Modelling - XSELL

Description:

To clean and perform exploratory data analysis on the sample bank data that comprises of 20000 customers which has 39 independent attributes. T o create a model after analysing these attributes to provide maximum accuracy.

Outcome: Among 39 independent columns, used 17 columns and obtained 95% accuracy with 80.19% Area Under Curve.

**Key skills:**

Python, Logistic Regression, Decision Tree Classifier, Random Forest Classifier and other Ensemble techniques.

* **Project 4**

Heart Disease Prediction

Description:

To clean and perform exploratory data analysis on the sample Heart data that comprises of 303 rows with 14 independent attributes. To create a model after analysing these attributes to provide maximum accuracy.

Outcome: Achieved an accuracy of 84.02% with 80.95% recall and 84.35% Area Under the curve.

**Key skills:**

Python, Linear Regression, Decision Tree Regressor, Random Forest Regressor and other Ensemble techniques.

**Hackathons/Other relevant achievements**

* Microsoft Certified Power BI developer.
* Participated in Techfiesta 2018 Hackathon in Machine Learning at Capgemini.
* Participated and won in Heptathon in Kurukshetra 2k’15.
* Participated and won in many paper presentations on various symposiums and technical fests.

**EDUCATION**

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| --- | --- | --- | --- |
| **Course** | **Institution** | **Year** | **Remarks** |
| PGP – Data Science Engineering | Great Lakes Institute of Management | 2019 | Pursuing |
| BE/B. Tech | Jerusalem College of Engineering / Anna University | 2016 | 79.8% |
| 12th Std | Anna Gem Science Park school / Anna University | 2012 | 89.1% |
| 10th Std | RKM School / State board | 2010 | 88.2% |

**Extracurricular Activities**

1. Peer Tutoring
2. Volunteering and Activism – Have been an active participant of Corporate Social Responsibility activities and helped in conducting mock interviews, cleaning beaches.