**Uma Maheswari Kuddirilla**

**Summary**

Uma Maheswari is a Data Scientist with strong experience in the area of machine learning. She has worked on several machine learning projects for leading provider organizations.

Uma has overall 5 years of experience in IT sector.

Uma’s technology expertise of more than 3 years includes data science and machine learning and designing ground level architecture for machine learning models. She has built API services and solutions in various programming languages like Python and SQL. She has good knowledge on neural networks and NLP. She has knowledge on Docker and Flask. Uma has an experience in working closely with Subject Matter Experts, Business stakeholders to understand the business problem.

Uma also has worked on few bigdata tools like Hadoop and Hive

Prior to joining CitiusTech, Uma worked as a Data Scientist with leading Indian industrial and consumer products group

Uma has completed her Master’s in Business Administration from India.

**Technical Skills**

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| **Environments** | Windows, Linux |
| **Languages** | Python, SQL |
| **Database** | SQL Server 2000/2005, Oracle |
| **Date Analytics Tools/Programming** | PyCharm, Jupiter notebook |
| **Big Data Tools** | Hadoop, SQOOP, Hive |
| **Data Visualization** | Tableau, Visualization Packages, |
| **Domains** | Banking and Telecom |

**Professional Experience**

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| ***Citius IT Solutions Pvt. Ltd. Duration: April 2022 – Till Date***  CitiusTech is a specialized provider of healthcare technology and business process services to healthcare technology companies, healthcare providers, managed care organizations, health plans, and disease management companies.  ***SINGULATRIX TECHNOLOGIES PRIVATE LIMITED Duration: Feb 2017– April 2022***  Singulatrix Technologies Pvt Ltd is a specialized provider of IT services and business process services to different clients. | | |
| **Project** | **Customer Churn Analysis and Prediction – Telecom**  **Duration: Oct 2020– Jan 2022** | |
| **Summary** | This solution was developed to predict whether customer was likely to churn ahead of time. Based on flag, they could enable early intervention processes to be put in place, which ultimately resulted in a reduction in customer churn. |
| **Main Technologies** | Python (NumPy, Pandas, Matplotlib, SciPy and all libraries) SQL, Tableau, Flask |
| **Responsibilities** | * Involved in interacting with stakeholders, business analysts and developers in analyzing requirement specifications * Involved in the data preparation and Exploratory analysis * Developed model and performed validation | |
| **Project** | **Bank Note Authentication Duration: Feb 2019 – June 2020** | |
| **Summary** | The project aim was to detect fraudulent note accuracy. This application checks whether a given bank note was authentic given several measures taken from photograph. It was classification project since the variable to be predicted was Binary | |
| **Main Technologies** | Python (all libraries of python), MySQL, Oracle database, Tableau, Flask, Hadoop | |
|  | * Analyzed the dataset which has features like variance, skewness, kurtosis, entropy and label as class to Authentic the Bank Note genuine or forged using Machine Learning Applications * Worked on data preparation and EDA analysis * Developed the Machine Learning Algorithms for better classification * Deployed model in Flask | |
| **Project** | **Product Database Management Duration: Feb 2017-Dec 2018** | |
| **Summary** | A range of specialized services and solutions to the oil and gas industry, experienced management, engineering, and operations personnel support the products line. It ensures that all stages, from planning through execution and reporting are effectively and accurately completed. | |
| **Main Technologies** | SQL, oracle, MySQL, Python | |
| * **Responsibilities** | * Designed database tables and Structures * Created views, functions, and stored procedures * Created database triggers for use in automation * Maintained the date quality and overseeing database security * Built and Maintained SQL scripts, indexes, and complex queries for data analysis and extraction * Identifying columns and guiding reporting team for successful reports generation * Data Validations for Reporting and development wise data * Involved in of DBA activities | |

**Educational Background**

* MBA – Human Resources– Karunya University, Coimbatore, India, Year 2009