KANAK DURGA PUROHIT

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EDUCATION

M.Sc. in Data Science and Analytics, National University of Ireland Maynooth (NUIM), Ireland   2022 – 2023
B. Tech in Electronics and Communication, Vellore Institute of Technology (VIT), India   2016 – 2020

SKILL SET

Databases: SQL, HiveQL, MongoDB
Programming Languages: Python, R, Java, C++
Data Studies: Machine Learning, Neural Network, Big Data Analytics, Statistical Data Analysis
Visualization Tools: Tableau, Power BI, QGIS
Cloud Platforms: AWS, Azure
Other: Microsoft Excel, Data Structures and Algorithm, Product Development

WORK EXPERIENCE

DATA ENGINEER

ICICI Bank Limited, Hyderabad   **Sept 2021– Aug 2022**

- Designed and developed scalable and reliable data pipelines to extract, transform, and load (ETL) data from multiple sources into the data warehouse.
- Collaborated with cross-functional teams to understand data needs and requirements, and ensured data quality and accuracy through data validation and testing.
- Developed and maintained data models and database schemas, ensuring data privacy and security.
- Conducted performance tuning and optimization of ETL processes, reducing processing time and improving efficiency.
- Developed and implemented data quality checks and validation processes, ensuring the integrity of the data.
- Worked with cloud-based technologies, such as AWS and Azure, to store and process large volumes of data.
- Utilized programming languages such as Python, Java, and Scala to develop custom ETL processes and data pipelines.

Jr. DATA ANALYST

Standard Chartered Bank GBS, Bangalore   **Apr 2020 – Sept 2021**

- Worked at the Research and Development team and conducted data cleaning and analysis using SQL, ensuring data accuracy and consistency for multiple projects.
- Developed interactive and visually appealing dashboards using Tableau to track key performance indicators (KPIs) and present insights to management and stakeholders.
- Used Excel to manipulate and analysed data, including creating pivot tables, utilizing VLOOKUP, and performing data validation.
- Collaborated with cross-functional teams to understand data needs and requirements, and provided insights and recommendations based on data analysis.
- Conducted ad-hoc data analysis projects to support business decisions and improve operational efficiency.
- Assisted in the creation and maintenance of reports and presentations, highlighting key findings and actionable insights.
- Kept up-to-date with industry trends and emerging technologies, and made recommendations for improvements to data processes and tools.