Vinay Kumar Camarushi

Data Engineer

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 GitHub   📖 Portfolio   in LinkedIn

Summary

Skilled and efficient Data Engineer with 1.5 + years of experience. A dedicated problem solver with high caliber coding experience with Python 3 and supporting libraries of Python, Java and C. Through my work experience, I have gained hands on experience in industry-standard development and look forward to applying those skills for my employer while making a significant contribution to the success of the company and grow my skills, at the same time.

Education

University of Central Missouri
Master of Computer Science
Aug 2022 – May 2024

Sagi Rama Krishnam Raju Engineering College
Bachelor of Technology
Jul 2016 – Sep 2020

Technical Skills

Python, Java, Machine Learning, Pandas, SQL, MongoDB, Microsoft Power BI, Tableau, Microsoft Azure, Qlik Sense, NoSQL, Git.

Soft Skills

Collaboration, Problem-solving, Communication, Time management, Result-oriented

Publications

International Journal of Advanced Science and Technology: Defect Detection in Printed Circuit Board (PCB) using Image Processing Vol. 29, No. 4s, (2020), pp. 1205-1210.

Certifications

- Microsoft certified Data Analyst Associate (DA - 100)
- Microsoft certified Azure Fundamentals (AZ - 900)
- Microsoft certified Data Fundamentals (DP - 900)

Work Experience

TATA Consultancy Services
Data Analyst
Jan 2021 - Jul 2022

- Single-handedly designed and developed Python code for automating manual tasks to prepare data for creating Power BI reports.
- Significantly improved process in daily activity by automation using Python which decreased manual effort by 80% and was lauded in the team by the manager and client manager for this improvement.
- Developed and monitored Power BI reports for Commercial and Performance for the client Diageo Great Britain Pvt. LTD.
- Developed Views in SQL Server Management Studio for a better understanding of data as per business requirements.
- Optimized Tabular Model in Visual Studio for creating semantic model objects like tables, partitions, relationships, hierarchies, measures, and KPIs.
- Redesigned errors in Azure Data Factory Pipelines.
- Successful delivery and maintenance of data quality reports for comparing data at the source and the data in the Power BI reports.

Projects

Online Grocery ecommerce Site
Aug 2023 - Dec 2023

- Flask, Python, Mongo DB and HTML & CSS are used in this project along with the cloud technology AWS.
- This ecommerce website deals with the sales of grocery items. The admin portal of this website is responsible for managing the grocery items of the store. This ecommerce site is deployed to AWS cloud so that the website can be accessible in any other PC.

Empirical Evaluation of Machine Learning Techniques for Text Classification
Jan 2023 - May 2023

- Python & libraries like Pandas, matplotlib, numpy, sklearn are used in this project.
- We have used models like Logistic Regression, Decision Tree, Random Forest, KNN, Naïve Bayes, SVM to compare their performance in classifying the text documents.

Large Scale Matrix Multiplication using Hadoop MapReduce
Jan 2023 - May 2023

- Java & Hadoop (MapReduce) are used in this application.
- A Hadoop MapReduce application is used to solve the problem of multiplying matrices of larger order in lesser time efficiently.

Airline Ticket Management System
Aug 2022 - Dec 2022

- Flask, Python, Mongo DB and HTML & CSS are used in this project.
- Online Air ticketing is a kind of user assistance where customers can reserve tickets for flight in online. This project is
- entitled, designed and implemented in such a way that it can be applicable to any airlines. The feature of this system will be similar as a common ticketing system with an Admin Portal who can manage all the information of the website.