MADON VERONICA J

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LeetCode : LINK
GitHub : LINK

PROFESSIONAL SUMMARY:

Detail-oriented Data Science graduate with a strong foundation in programming and data analytics. Passionate about building efficient, scalable applications with a focus on backend development and database management. Looking forward to utilize problem-solving and analytical skills gained through personal projects, seminars, and internship for organizational growth while also enhancing technical skills and embracing new challenges.

TECHNICAL SKILLS:

Programming Languages: C, Python, Java, R

Query Languages: SQL, MongoDB

Machine Learning

Data Analysis using Excel

CERTIFICATIONS:

IBM Data Science Professional Certificate, Coursera, August 2024

Machine Learning, NPTEL, March 2024

Data Science for Engineers, NPTEL, August 2023

Metaverse (AR and VR Technologies), Thiagarajar College, July 2024

INTERNSHIP:

DATA SCIENCE INTERN
Networkz Systems, Madurai
August 2024 – October 2024

Worked with large datasets, applying machine learning algorithms to derive actionable insights. Leveraged Power BI to create interactive dashboards and reports, providing real-time business insights and visualizations. Gained hands-on experience in practitioner level cloud computing AWS (EC2, S3, DynamoDB).

PROJECTS:

EVENT MANAGEMENT WEB APPLICATION (Python - Django): GitHub

- Developed a Django-based web application for managing campus events with user roles (Admin, Organizer, Participant).
- Implemented event approval workflow with notifications for approvals and participant selection.
- Designed a venue management system to prevent double bookings.
- Enabled bulk participant selection by attendance tracking. Integrated automated certificate generation.

TEXT SUMMARIZER (NLP, Django): GitHub

- Developed a text summarization web-page to generate concise summaries from large texts.
- Implemented Natural Language Processing (NLP) techniques like extractive and abstractive summarization.
- Used algorithms such as LSTM and TextRank for more precise summaries.

CANCER CELL PREDICTION (Machine Learning): GitHub

- Developed a machine learning model to classify cancer cells as benign or malignant based on medical data obtained from Kaggle.
- Applied data preprocessing techniques such as data cleaning, normalization, and feature engineering to improve the model accuracy.
- Utilized algorithms like Logistic Regression, Decision Tree, and Random Forest for classification.

EDUCATION:

Bachelor of Science in Data Science
Thiagarajar College
Performance : 77.88%
Batch : 2022 - 2025

Class XII Board
St. Joseph's Matriculation Higher Secondary School
Performance : 88.16%
Batch : 2021 - 2022

Class X Board
St. Joseph's Matriculation Higher Secondary School
Performance : 86.6%
Batch : 2019 - 2020