



ANN MARY MATHEW

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PROFILE SUMMARY

As a recent graduate with a PG Diploma in Data Science and a background in BSc Computer Science, I am eager to leverage my analytical skills and passion for healthcare to contribute to the data-driven decision-making processes within the healthcare industry. Building upon my prior experience as a receptionist and medical billing staff, I am dedicated to applying my knowledge in data science to enhance operational efficiency, patient care, and overall outcomes in a hospital setting. I am excited to embrace new challenges, collaborate with healthcare professionals, and drive data-driven solutions that improve the quality of care and patient experience.

EDUCATION

PG DIPLOMA IN DATA SCIENCE | NATIONAL SKILL DEVELOPMENT CORPORATION APRIL 2023 – OCTOBER 2023

- Completed 6-month training in data science course and 2-month internship in corresponding field this course helps me to build an efficient knowledge in data analysis using python and data visualization, data Wrangling ...etc

BACHELOR OF SCIENCE | MAHTMA GANDHI UNIVERSITY KOTTAYAM 2014 -2017

- CGPA :6.58
- Stream: computer science

EXPERIENCE

FRONT OFFICE ASSISTANT AND BILLING STAFF (KARUNA HOSPITAL, THODUPUZHA, KERALA) 08/2019 - 03/2020

- Managed front office operations, ensuring efficient patient check-ins, scheduling, and inquiries. Handled Medicine billing tasks, accurately documenting charges and payments to maintain financial transparency.

ACADEMIC ACCOMPLISHMENTS

VOICE ANALYSIS PROJECT

- Designed and implemented a graphical user interface (GUI) application for voice recording and sentiment analysis using Python. The project utilized the Tkinter library for GUI development, sound device for recording audio, and NLTK for sentiment analysis.

EXPLORATORY DATA ANALYSIS ON ASIAN TYPHOONS

- Conducted a detailed analysis on the Asian typhoons using python and panda's library and visualize the movements using graph plotting library's the main aim of this EDA project is to find the movements of each typhoon based on the numerical features

DASH BOARD CREATED ON E-COMMERCE DATA

- Gained a comprehensive understanding of power BI applications in the data industry, and worked on real-world industry applications also gained hands-on experience with real-world data sets

TECHNICAL SKILL

- Python, machine learning, R Programming, NLP, java, SQL, NoSQL, mongodb, AI
- Python Specialization: (NumPy, Pandas, Matplotlib, Scikit-Learn, Seaborn, SciPy. Etc.)
- Soft skills: Communication, optimistic, Adaptability
- Power BI
- Proficient in Microsoft office suite (word, excel)

CERTIFICATIONS

- Data analytics using power BI with end-to-end project organized by TechTip24
- EXTRAQUALIFICATION DPA (diploma in professional accounting), (05/2017-09/2017)
Kerala computer saksharatha mission GRADE: A

ACADEMIC PROJECTS

MINI PROJECT: CONTENT RATING SYSTEM NET BEANS JAVA application

MAIN PROJECT: SOFTWARE PIRACY PROTECTION ASP.NET application

MINI PROJECT PROFILE: This project is meant for the ordinary users to rate the videos and contents posted by different users. Users can read and search different category of videos and photos and gain information about the various subjects. Thereby user can increase his knowledge, another main feature of this project is to post advertisements in different postings in which the users can earn money by providing information.

MAIN PROJECT PROFILE: This project is intended to maintain software copyright protection and assures that it is being accessed only by the authenticated users. In today's world piracy has become so prevalent over the internet. this project is developed for the same purpose to protect the software's ownership of copyright and make the transactions through the internet correctly, and this can be accessed only by the rightful owners