

MEENU MOHAN

Data Analyst

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PROFILE

Detail-oriented and analytically-driven Data Analyst with a solid background in information systems and data science, equipped to optimize data applications and contribute to accurate reporting at your company. Seeking a challenging role where my strong analytical skills and knowledge of relational databases can be used to enhance data-driven decision making processes.

TECHNICAL SKILLS

Programming Languages: Python C#, C++, Matlab, VBA, Java

Data Analysis: Numpy, Pandas, Jupyter Notebook, Data Science

Database Management: MySQL, SQL, PostgreSQL

Web Frameworks: Django, Flask

Data Visualization: Matplotlib, Seaborn, Power Bi

Version control: Git, GitHub

Web development Tools: Visual Studio Code, PyCharm

Microsoft Excel: Advanced data analysis and visualization

TRAINING/COURSES

Data Science with Python Certification, Issued on November 2021

EXPERIENCE

Junior Python Full Stack Developer Intern

Inmakes Infotech Pvt Ltd, Kerala, India

06/2023-10/2023

- Developed and maintained back-end systems using Python, Node.js and Django, including database design, API development, and server-side logic.
- Developed and managed data from various sources to support corporate decision-making.
- Identified, analyzed, and interpreted trends or patterns in complex data sets using Python.
- Developed methodologies and processes for prioritization and scheduling of projects on and statistical packages.
- Collaborated with cross-functional teams to gather and define project requirements, providing technical leadership and guidance.

Administrative Support and Data Management, **Sumer Diesel Trading, Dubai**, 01/2019-10/2021

- Maintained the entire filing system for the accounting department, ensuring accurate and organized record-keeping.
- Prepared various worksheets to track and provide insights into outstanding payments, contributing to improved financial management.
- Conducted in-depth analysis of sales data using advanced Excel features, including pivot tables, to identify trends and patterns.
- Leveraged advanced Excel capabilities, including pivot tables, lookups, complex formulas, and graphing, to enhance data analysis and reporting.

VBA Developer, Al Safi Chemicals Industries, Sharjah, UAE**03/2017 – 09/2018**

- Enhanced data processing and automation using VBA, contributing to increased efficiency on relational databases

Administrative Assistant, Safe Energy FZE, Sharjah, UAE**09/2016-02/2017**

- Supported administrative functions, emphasizing adaptability and effective data management.

EDUCATION

MTech Signal Processing, CUSAT**07/2013 – 05/2015****BTech Electronics and Communication, CUSAT****07/2008 – 05/2012****PROJECTS**

Ecommerce Website

The "Ecommerce Website" project is a robust and user-friendly online shopping platform built using Django Python, designed to provide a seamless and secure shopping experience for customers. This web application offers a wide range of features for both buyers and sellers, with a focus on scalability, security, and user satisfaction.

Haystack question and answer generating web application

In my Django-based project, I've harnessed the power of the Haystack library to create a question and answer generation system. Users can seamlessly upload documents and perform natural language queries. This system utilizes a combination of document stores, retrievers, and readers to retrieve and generate precise answers.

Analyzing the trends of Covid-19 with Python

From the given data of covid patients, visualized the impact and analyzed the trend of rate of infection and recovery as well as make predictions about the number of cases expected a week in future based on current trends. Analyzed correlations from multiple data sets.

LANGUAGES

English, Hindi, Malayalam

SOFT SKILLS

- **Communication:** Effective communication skills for collaborating with cross-functional teams, conveying technical information clearly, and ensuring project requirements are met.
- **Problem Solving:** Great ability to approach complex issues, break them down into manageable components, and devise solutions is a valuable skill for any developer.
- **Adaptability:** Quickly adapted to the use of new frameworks, learning React.js within two weeks to meet a tight project deadline.
- **Time Management:** Consistently met project deadlines by creating detailed project plans, allocating tasks, and tracking progress using project management tools.
- **Decision-Making:** Demonstrated strong decision-making skills by providing valuable insights and guidance in project requirements and implementations.
- **Teamwork:** Collaborated with cross-functional teams, including designers and front-end developers, to create seamless user experiences and optimize application performance.

ADDITIONAL INFORMATION

Residing in Dubai, UAE in Spouse Visa