

MEENU MOHAN

Python Full Stack Developer

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PROFILE

A highly motivated and adaptable Mtech graduate with comprehensive expertise in programming languages such as Python, MySQL, C, C++, and Matlab, along with a proven track record in administrative support and data management. Eager to leverage my technical skills and practical experience, contributing to the development of innovative software solutions and driving technological advancements in the industry.

TECHNICAL SKILLS

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

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

Python Developer and Trainer

Zion Computer Hardware and Networking Institute, India

12/2023-Present

- Spearheading the design, development, and maintenance of full-stack Python applications to meet client needs.
- Collaborating with cross-functional teams to gather and define project requirements, providing technical leadership and guidance.
- Conducting thorough testing and debugging to ensure application functionality, reliability and security.

Junior Python Full Stack Developer Intern

Inmakes Infotech Pvt Ltd, Kerala, India

06/2023-10/2023

- Developed and maintained back-end systems using Python and Django, including database design, API development, and server-side logic.
- Designed and implemented responsive front-end user interfaces using HTML, CSS, and JavaScript, ensuring a seamless user experience.
- 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.

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.
- 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	CGPA-8.71	07/2013 – 05/2015
BTech Electronics and Communication, CUSAT	71%	07/2008 – 05/2012
Twelfth, CBSE	74%,	
Tenth, ICSE	89%	

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	Time Management
Problem Solving	Decision Making
Adaptability	Teamwork