AMRITHA MR

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Email | 8590903989 | LinkedIn | GitHub | Portfolio

Objective

Dedicated and results-driven Data Scientist and IT Engineer with over 2 years of experience in AI, Data Science, and Python development. Proven expertise in data-driven solutions, machine learning frameworks, and data visualization tools. Seeking to leverage my skills and experience to deliver impactful solutions in a dynamic and innovative environment.

Professional Experience

IT Engineer | IPCS Global
05-10-2023 – Present

- Developed and implemented data-driven solutions using Python, machine learning, and data visualization techniques.

- Performed data cleaning, exploratory data analysis (EDA), and feature engineering to prepare datasets for machine learning models.

- Built predictive models using machine learning algorithms (e.g., Decision Trees, Random Forest, SVM) to drive business insights.

- Mentored junior team members and provided training on data analysis, Python programming, and machine learning concepts.

- Collaborated with cross-functional teams to identify business challenges and deliver actionable insights using advanced analytics.

- Utilized tools like Power BI and Tableau for data visualization to present findings to stakeholders.

Team Lead | Codedu Software Technologies
03-03-2022 – 29-09-2023

- Analyzed large datasets to identify trends, patterns, and insights that supported strategic business decisions.

- Utilized Python, Excel, and SAS for data manipulation, statistical analysis, and reporting.

- Created custom dashboards and reports using Power BI and Tableau to monitor key performance indicators (KPIs).

- Conducted A/B testing and data-driven experiments to improve system performance and user engagement.

- Assisted in the design and implementation of machine learning models to enhance the company's analytics capabilities.

Python Developer Intern | Inmakes Private Limited
10-08-2021 – 15-02-2022

- Developed web applications using Python and Django, integrating with databases like MySQL and MongoDB.

- Collaborated with front-end developers to create a seamless user experience on the platform.

- Wrote clean, efficient, and maintainable code, adhering to best practices in software development.

- Managed version control using Git and participated in code reviews to ensure quality standards.

Skills

- Programming Languages: Python (Proficient in Django, Flask, Pandas, NumPy)

- Data Analysis & Visualization: Power BI, Tableau, Excel, Matplotlib, Seaborn, SAS

- Machine Learning: Linear Regression, Logistic Regression, Decision Trees, Random Forest, SVM, Naive Bayes Classifier

- Artificial Intelligence: Natural Language Processing (NLP), Neural Networks, Deep Learning, Computer Vision

- Databases: MySQL, MongoDB, SQL

- Tools & Frameworks: Jupyter Notebook, PyCharm, Git, Google Collab.

- Soft Skills: Problem-solving, attention to detail, critical thinking, and communication

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Education

Bachelor of Science in Computer Science
University of Calicut, Palakkad
06/2019 – 04/2021

Certifications

- Data Analysis Using Excel

- Time Series Analysis for Beginners

- Introduction to MongoDB

- Data Visualization with POWERBI

Projects

AIRLINE PASSENGER SATISFACTION IS CRUCIAL FOR THE SUCCESS OF ANY AIRLINE COMPANY

Airline passenger satisfaction is crucial for the success of any airline company. Understanding the key drivers of satisfaction can help airlines improve their services and enhance the overall travel experience for passengers. By leveraging the power of neural networks, Project aim to build a predictive model that can accurately classify passenger satisfaction levels based on the provided features

Tools Used: Python, Pandas, NumPy, Scikit-Learn, Matplotlib/Seaborn, OpenCV, PowerBI, MySQL, Jupyter Notebook.

Photography Website for Mom Palghat, Kerala | January 2025

Designed and developed a dynamic photography website using Python and Django. Implemented advanced photo sorting options for an enhanced user experience. Integrated WhatsApp inquiry functionality for seamless communication with clients. Added live chat integration to provide real-time support to users. Focused on creating a responsive and user-friendly interface tailored for photographers.

Tools Used: Python, Django, MYSQL, Html, CSS, JavaScript, jQuery, Bootstrap, Ajax.

Languages

- English
- Malayalam