

Shruti Meshram

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Computer Science student with a passion for data science and machine learning. Experienced in web development, cloud basics, and applying ML algorithms. Skilled in Python, NLP tools like spaCy, and project-based learning. Looking to contribute to data-driven solutions.

PROJECTS-

FileHandler

Developed a Python-based application to handle and manage file operations like reading, writing, copying, and renaming files. Implemented batch file operations and integrated error handling for seamless user experience. Utilized logging mechanisms to track file operations and ensure smooth execution.

PricePulse (Mini Project)

Built a Python-based application to analyze product price trends using Pandas and Matplotlib. Implemented data-cleaning techniques for accurate analysis.

Credit Risk Analyzer

Developing a machine learning model to assess credit risk using Python. Focus on data cleaning, feature engineering, and model evaluation.

SPES (Mental Health Website)

Hackathon 2023-24

A website for Hackathon 2023-24 showcasing our app SPES, its features, and our innovative approach to the problem statement. Developed using React.js, Tailwind CSS, Node.js with Express. Database used: MySQL, MongoDB

End-to-End Machine Learning Project on GCP

Sales Forecasting Using Machine Learning on Google Cloud
Built a sales forecasting model using regression techniques (Linear Regression, Decision Trees). Preprocessed large datasets with Pandas, NumPy; improved accuracy through feature engineering. Deployed the model on GCP (BigQuery, AutoML, Cloud Storage), ensuring scalability. Visualized insights using Matplotlib, Seaborn, and evaluated model performance (RMSE, MAE).

SKILLS-

C, Cloud Computing, Cloud Storage, Database Management, Data Science, Deep Learning, English, Error Handling, Express, Express.js, Feature Engineering, Gen-AI, Git, Github, Google Cloud Platform, Hindi, Japanese, JS, Machine Learning, Machine Learning, Marathi, Matplotlib, Model Evaluation, MongoDB, MySQL, Neural Networks (CNN/RNN), NLP, Node.js, Numpy, Pandas, Python, PyTorch, React.js, Scikit-learn, Seaborn, Statistics, Tailwind CSS, Web Development

CERTIFICATIONS-

Graduate Certificate Program in Data Science

upGrad

Machine Learning

Coursera

Career Essentials in Generative AI

Microsoft and LinkedIn Learning

100 Days Of Code: The Complete Python Pro Bootcamp

Udemy

Google Data Analytics Instructor

Coursera

The Complete Web Developer Course 3.0

Udemy

WORK EXPERIENCE - Intern • 06/2023 - 07/2023

RoadMarc Foundation Nagpur

Conducted video editing for foundation projects. Assisted in organizing and volunteering for road safety programs. Networked with key industry figures, including meeting Nitin Gadkari.

EDUCATION-

SGGSIE&T•Nanded•01/2022 - Present

B.Tech Computer Science Engineering

• GPA 7.65