

# Shruti Meshram

Ph. +91 7391921975 • [meshram.shruti73@gmail.com](mailto:meshram.shruti73@gmail.com) • [linkedIn](#)

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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.

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## **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

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## **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.

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## **EDUCATION-**

### **SGGSIE&T•Nanded•01/2022 - Present**

B.Tech Computer Science Engineering

• GPA 7.65