

JAYSHREE MISHRA

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EDUCATION

SIDDHIVINAYAK TECHNICAL CAMPUS

Bachelor of Engineering
Major in Electronics and Telecommunications
Cumulative GPA: 7.5/10

Shegaon, Maharashtra
July 2023

A. K. NATIONAL JR. COLLEGE

HSC
Major in PCM with Computer Science
Percentage: 60.77

Khamgaon, Maharashtra
June 2018

KELA HINDI SCHOOL

SSC
Percentage: 84.60

Khamgaon, Maharashtra
June 2016

WORK EXPERIENCE

YBI FOUNDATION

Data Science and Machine Learning Intern

Remote
June 2023 – July 2023

- Supported predictive analytics initiatives aimed at improving medical diagnosis and business forecasting practices.
- Developed and fine-tuned a Breast Cancer Diagnosis Prediction model, achieving 95% accuracy through Logistic Regression on 10 cell features, optimizing predictive analytics in healthcare. Built machine learning models for Ice Cream Sales Revenue and Fish Weight Prediction using Linear Regression, enhancing the understanding of business metrics.
- Collaborated with team members to develop and validate multiple predictive models, including Credit Card Default and Admission Chance Prediction.

PHN TECHNOLOGY PVT. LTD.

Data Science and Machine Learning Intern

Pune, Maharashtra
April 2023 - June 2023

- Contributed to projects focused on enhancing practical corporate skills and streamlining data processing tasks.
- Developed a comprehensive monthly budget analysis to aid financial decision-making. Created a Python script for data extraction and manipulation from Excel spreadsheets, using NumPy array operations to improve data processing.
- Designed interactive data visualizations using 2x2 subplot figures, improving data interpretation efficiency and enabling faster decision-making.
- Successfully completed Corporate Readiness Essentials program, strengthening professional competencies in business communication and project management.

PROJECT

SPACEX FALCON 9 FIRST STAGE LANDING PREDICTION: A DATA SCIENCE CAPSTONE PROJECT

[GitHub](#)

- Undertook a project to predict the success of SpaceX Falcon 9 first-stage landings by analyzing historical launch data spanning 2010-2023 to demonstrate machine learning capabilities in aerospace data analysis.
- Spearheaded the development of a robust data collection pipeline using HTTP requests and Beautiful Soup, enabling efficient storage of SpaceX performance data in Pandas Data Frames.
- Performed in-depth exploratory data analysis on 90+ launches using Pandas and NumPy, identifying key success factors through correlation analysis and feature importance ranking.
- Applied SQL for structured data queries and used Seaborn and Matplotlib for comprehensive visual analysis to guide feature engineering decisions.
- Achieved 83% accuracy in predicting landing success through machine learning modeling, delivering actionable insights to support effective planning and optimization in aerospace studies.

ACTIVITIES

INSTITUTION INNOVATION COUNCIL (IIC)

Student Coordinator

STC, Shegaon

- Strategized for the National Startup Day event, assigned tasks for prompt completion, and oversaw the seamless flow of activities.

INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)

STC, Shegaon

Publicity Manager

- Promoted college events, directed event planning, and led the coordination of the Engineers Day speech competition.

STUDENT COUNCIL

STC, Shegaon

Member

- Facilitated the organization of the college fest and participated in meetings to address student-related issues.

TECHNICAL SKILLS

Programming Language: Python (Pandas, NumPy, Scikit-learn, SciPy), SQL (MySQL, SQLite)

No SQL Database: MongoDB

Data Visualization: Matplotlib, Seaborn, Plotly

CERTIFICATIONS & TRAINING

IBM DATA SCIENCE SPECIALIZATION

MACHINE LEARNING PIPELINES WITH AZURE ML STUDIO

STATISTICAL DATA VISUALIZATION WITH SEABORN FROM UST

POWER BI VIRTUAL CASE EXPERIENCE BY PWC SWITZERLAND AND FORAGE

SOFTWARE ENGINEERING VIRTUAL EXPERIENCE PROGRAM BY JPMORGAN CHASE & CO. AND FORAGE

AI/ML FOR GEODATA ANALYSIS