SUYOG GAIKWAD
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OBJECTIVE

Aspiring Machine Learning Engineer with expertise in Python, predictive modeling, and data analysis. Successfully developed a **customer churn prediction model** (89% accuracy) using Gradient Boosting and conducted **snack sales data analysis** to identify revenue trends. Skilled in **Neural Networks (ANN, CNN, RNN)** and NLP. Seeking to leverage technical expertise to contribute to innovative machine learning projects.

EDUCATION

Bachelor of Engineering, Mechanical Engineering
Savitribai Phule Pune University, Pune, Maharashtra
CGPA: 8.6 | Graduated: 2023

Diploma in Mechanical Engineering
Maharashtra State Board of Technical Education (MSBTE)
Percentage: 78.56% | Graduated: 2020

SSC (Class 10)
Percentage: 72.20% | Graduated: 2017

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **Machine Learning:** Gradient Boosting, Logistic Regression, Decision Trees, ANN, CNN, RNN
- **Deep Learning & NLP:** TensorFlow, Keras, Image Classification, Text Processing, Sentiment Analysis
- **Tools & Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, OpenCV
- **Data Engineering:** Feature Engineering, One-Hot Encoding, Data Scaling, Data Preprocessing
- **Databases:** MySQL
- **Soft Skills:** Problem Solving, Analytical Thinking, Team Collaboration

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PROJECTS

Flower Classification using CNN | Python, TensorFlow, Keras

- Developed a Deep Learning model to classify flowers using Convolutional Neural Networks (CNNs).
- Preprocessed dataset with image augmentation, normalization, and feature extraction.
- Trained and optimized CNN architecture, achieving high classification accuracy.
- Evaluated model performance using accuracy/loss graphs and confusion matrix.

Customer Churn Prediction | Python, Gradient Boosting

- Built a machine learning model using Kaggle datasets to predict customer churn with 89% accuracy.
- Performed feature engineering, handled missing data, and optimized hyperparameters.
- Visualized trends using Matplotlib and Seaborn to inform customer retention strategies.

Snack Sales Data Analysis | Python, Pandas, Matplotlib, Seaborn

- Analyzed simulated snack sales data across states and retail chains to evaluate revenue and distribution costs.
- Utilized data cleaning techniques and visualization tools (bar charts, heatmaps) to identify top-performing regions.
- Developed functions to summarize performance metrics, enhancing decision-making for distribution strategies.

CERTIFICATIONS

- **Machine Learning & Python Certification –** Sevenmentors Training Institute
- **MySQL Certification –** Sevenmentors Training Institute
- **Data Analytics Job Simulation –** Deloitte

EXTRACURRICULAR ACTIVITIES

- **Chess**: Developed strategic planning and critical thinking skills through competitive play.
- **Cricket**: Strengthened teamwork and leadership abilities in a collaborative team environment.