ABHISHEK

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Objective

Aspiring AI and Data Science intern with strong foundations in Python, Machine Learning, and Deep Learning. Certified by Stanford University (Andrew Ng) in supervised, unsupervised, and advanced learning algorithms. Experienced in building predictive and clustering models, data visualization, and deploying interactive web applications. Seeking a hands-on AI internship at Wattmonk to contribute skills, learn cutting-edge techniques, and grow as a practitioner.

Technical Skills

- **Languages & Tools:** Python, Java, C/C++, SQL, MongoDB, Flask, FastAPI
- **Libraries & Frameworks:** TensorFlow, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Plotly, Streamlit
- **Concepts:** Machine Learning, Deep Learning, NLP basics, Data Cleaning, Feature Engineering, Model Evaluation

Certifications

- Supervised Machine Learning: Regression and Classification — Stanford University (Coursera)
- Advanced Learning Algorithms — Stanford University (Coursera)
- Unsupervised Learning Algorithms (Ongoing) — Stanford University (Coursera)

Projects

Car Price Prediction

Developed a Random Forest regression model predicting car prices with 78% accuracy on 19,000+ records by feature engineering and hyperparameter tuning.
Tools: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn

Customer Segmentation with K-Means

Applied RFM analysis and K-Means clustering to segment customers for marketing insights, improving targeting strategies based on purchase behavior.
Tools: Python, Scikit-learn, Pandas, NumPy, Seaborn

Air Quality Dashboard

Built an interactive Streamlit app to visualize real-time pollution data from 150+ sensors across India using maps and charts.
Tools: Python, Pandas, DuckDB, Plotly, Streamlit

Education

B.Tech in Computer Science Engineering

KC Group of Research and Professional Institute, Pandoga, Una, H.P 3rd Year
Expected Graduation: July 2026

Interests

- Artificial Intelligence and Machine Learning
- Natural Language Processing (NLP)
- Data Visualization and Analysis