Kavya Shahi

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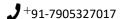📞 +91-7905327017   ✉ Kavyashahi145@gmail   in linkedin.com/in/kavya-shahi-99680a252/   ⌾ github.com/kavyaShahi

Training

AI & Machine Learning Fundamental Cipher Schools   **July 2024**

- Gained foundational knowledge of **AI and Machine Learning** concepts, including supervised and unsupervised learning algorithms.
- Implemented a **Python-based project** for simple ML tasks such as **house price prediction** and **spam email classification**.
- Developed and deployed **prediction models** with optimized accuracy, showing skills in **data processing and model evaluation**.

Projects

Loan Approval Prediction System| *Machine Learning, Scikit-Learn, Flask*   **April 2024**

Developed a machine learning model to predict loan eligibility based on applicant details.

- Preprocessed dataset using Pandas and NumPy for missing value imputation and feature encoding.
- Achieved an accuracy of [mention percentage] with hyperparameter tuning.
- Integrated the model into a Flask web application to provide real-time loan eligibility predictions.

House Price Prediction | *Machine Learning, Scikit-Learn, Flask*   **June 2024**

Built a regression-based model to predict house prices based on various features such as location, size, and amenities.

- Utilized feature engineering techniques to enhance model accuracy.
- Trained models using Linear Regression, Decision Trees, and Random Forest Regressor.
- Achieved an R^2 score of [mention score] through hyperparameter optimization.

Achievements

- Published a technical blog on "**AI in Algorithmic Trading**" gaining 500+ reads on Linkdin
- Led a team of **4 in a university project to develop an AI-powered portfolio optimization tool**.
- Solved **100+ DSA problems on LeetCode, focusing on ML-related algorithms**.
- Published 3+ articles **on Medium & LinkedIn, discussing Machine Learning in Financial Markets and the future of AI-driven investments.**

Certificates

Mastery In Machine Learning	**August 2024**
Coursera Certification on Algorithm of Strings	**March 2023**

Technical Skills

Languages: Python, Java, JavaScript

Technologies/Frameworks: Angular, Jasmine Testing, React JS, Node JS, Git, GitHub, Kotlin (Android), Scikit-learn

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Scripting in Python and JavaScript

Education

Lovely Professional University Punjab	**2022-2026**
Computer Science and Engineering — CGPA: 7.00	*Jalandhar, Punjab*
Mary Gardiner's convent school	**2020-2022**
12th with Science — Percentage: 90%	*Lucknow, UP*
Lucknow public school	**2019 – 2020**
10th with Science — Percentage: 94.60%	*Lucknow, UP*