SWEKSHA TRIPATHI

KEY ACHIEVEMENTS

Technical Team Lead @Acharya

Led the planning, execution, and management of Acharya Habba, securing sponsorships and designing promotional materials. Demonstrated strong leadership in coordinating multiple technical and non-technical events.

Executive Member of the Event Organization Committee @jagran

coordinating logistics, managing event operations, and ensuring the successful execution of various college events during my bachelor's degree.

Award for Instant Mobile Application Development

Won the **Instant Mobile Application Development** competition at **Abhivyakti 2020**, showcasing strong problem-solving and app development skills under time constraints.

SKILLS

Python, JavaScript, HTML, CSS •

Django, Flask • SciPy • Matplotlib •

NumPy • Java •

SQL (MySQL, SQLite), NoSQL (MongoDB)

CERTIFICATION

Software Program- Python

Issued by FutureSkills Prime in collaboration with NASSCOM and the Ministry of Electronics & Information Technology, Government of India, validates my skills in Python

AWS On DevOps

DevOps on AWS Specialization, gaining expertise in leveraging DevOps practices and tools to develop, deploy, and maintain scalable, secure, and reliable cloud applications.

PHP with MySql

NASSCOM,Training partner - Microsoft,Autodesk .
certificate ID:RCPL-2022/1684

Python Web Developer

📞 +91 8953999558   @ tripathisweksha53@gmail.com

🔗 www.linkedin.com/in/sweksha-tripathi2001   📍 Bangalore ,Karnataka

SUMMARY

Aspiring Python Web Developer with a strong foundation in **Python**, **Django**, and **Flask**, skilled in building dynamic web applications and RESTful APIs. Proficient in **HTML**, **CSS**, **JavaScript**, and front-end frameworks like **React**. Knowledge of **SQL**, My**SQL**, and **ETL pipelines** with a focus on clean, efficient, and secure code. Familiar with **Agile methodologies**, **Git**, and **AWS**. Passionate about creating innovative web solutions and continuously expanding technical expertise.

PROJECTS

DATA DRIVEN DECISION MAKING IT PLATFORM

09/2024 - Present

Academic — Bangalore

- Performed advanced data analysis on the Instacart grocery dataset to uncover purchasing trends and customer behavior insights.
- Developed machine learning models using **Python** to predict product recommendations and enhance market basket efficiency.
- Designed interactive visualizations using **Matplotlib** and **Seaborn** to communicate key findings to stakeholders.
- Demonstrated expertise in data preprocessing, feature engineering, and predictive analytics to deliver actionable business solutions.

MOVIE RECOMMENDATION SYSTEM

03/2024 - 05/2024

Academic — Bangalore

- Designed and implemented a movie recommendation engine leveraging **collaborative filtering** and **content-based techniques**.
- Utilized **Pandas**, **NumPy**, and **Scikit-learn** for efficient data processing and personalized recommendations.
- Achieved an **85% accuracy rate** in preference predictions, enhancing user satisfaction and engagement by **40%**.

PROSPECT ENCORE

12/2021 - 03/2022

Academic — UP ,Kanpur

- Conducted an in-depth analysis of car showroom data using **Python**, employing libraries such as **Pandas** and **Matplotlib** to identify sales patterns and trends.
- Developed detailed reports with actionable insights that informed and enhanced marketing and sales strategies.
- Designed and implemented **Prospect Encore**, a data-driven platform leveraging **machine learning** for predictive analysis, enabling the identification of high-potential leads and improving lead generation by **35%**.
- Demonstrated expertise in data cleaning, visualization, and predictive modeling to drive business decisions and optimize performance.

EDUCATION

Master of Computer Application

11/2022 - 12/2024

Bangalore City University — Acharya Institute (AIGS)

Bachelor of Computer Application

08/2019 - 09/2022

Chhatrapati Shahu Ji Maharaj University — Jagran College Of Arts ,Science & Commerce