

# SHIVANI JAIN

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[linkedin.com/in/shivani-jain13/](https://www.linkedin.com/in/shivani-jain13/) | [github.com/shivaniijwork](https://github.com/shivaniijwork) | [Portfolio](#)

## SUMMARY

Enthusiastic MCA graduate passionate about Python development and building clean, responsive applications. Proficient in Python, with a strong foundation in frontend tools like HTML, CSS, and JavaScript. Adept at transforming ideas into interactive, user-friendly experiences. Eager to apply problem-solving skills and development knowledge in real-world software projects.

## SKILLS

**Programming Languages:** Python, Java, C++

**Web Technologies:** HTML5, CSS3, Bootstrap 5, JavaScript, React.js

**Core CS Concepts:** Data Structures & Algorithms, OOP, DBMS, OS, Computer Networks

**Databases:** MySQL

**Libraries & Frameworks:** TensorFlow, Keras, scikit-learn

**Tools & Platforms:** Git, Power BI

## PROJECTS

**NerdWorthy** - <https://shivaniijwork.github.io/NerdWorthy/>

- Built a responsive personal site using HTML5, CSS3, Bootstrap 5, and JavaScript to share technical articles, book reviews, and business case studies.

**Flood Mapping** - <https://github.com/shivaniijwork/ChennaiFloodMappingML>

Tech Stack: Python, Pandas, Scikit-learn, TensorFlow, Folium

- Built a flood risk prediction model for 200+ Chennai wards using custom spatial and weather data; achieved MAE of 2.89 with Random Forest.
- Visualized results with interactive Folium maps to highlight high-risk flood zones, aiding real estate and disaster planning.

**Skincare Recommendation System** - <https://github.com/shivaniijwork/Skincare-Recommendation-System>

Tech Stack: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Bokeh

- Developed a content-based recommendation and classification system for skincare products using ML techniques.
- Trained & evaluated 8 ML models; achieved ~55.7% accuracy despite ingredient overlap and class imbalance.

## EDUCATION

**Vellore Institute Of Technology, Chennai**

July 2023 - May 2025

Master of Computer Applications (CGPA: 7.8)

**Manipal University, Jaipur**

July 2020 - May 2023

Bachelor of Computer Applications (CGPA: 8.4)

## INTERNSHIP EXPERIENCE

**ConTecHub Solutions Pvt. Ltd.**

May 2024 - August, 2024

Data Analyst Intern

Jaipur, Rajasthan

- Utilized Python and SQL for data analysis and reporting, enhancing data-driven decision-making for demographic and firmographic evaluations.
- Conducted web scraping to collect relevant data and utilized the company's dynamic CRM for efficient data management and insightful reporting.

## CERTIFICATIONS

**Practical GitHub Actions** - LinkedIn Learning

**HTML, CSS, and JavaScript: Building the Web** - LinkedIn Learning

## ACHIEVEMENTS

**Best Research Paper**, ICRTAC'23 - IEEE Record No. 59277 (2023)

Title: "Real Estate Market in the Digital Age"

Published in IEEE Xplore - Doc ID:10480781

([Paper Link](#)) | ([Certificate Link](#))