Shashank Tiwari

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LinkedIn — GitHub — LeetCode

PROFILE

Motivated and detail-oriented BCA (AI & Data Science) student at KR Mangalam University, passionate about developing intelligent systems and automation tools. Skilled in Python programming, data analysis, and web development. Strong problem solver with a growth mindset and excellent collaboration abilities.

EDUCATION

KR Mangalam University, Gurugram
Bachelor of Computer Applications (AI & Data Science)
CGPA: 7 (till 4$^{\text{th}}$ semester)
Key Courses: Data Structures, ML, Python, DBMS, Computer Vision

Basava International School, New Delhi
CBSE Class XII – Science Stream
Percentage: 65%

PROJECTS

Automatic Number Plate Recognition System
Python, Flask, OpenCV, Tesseract

- Developed a web application that detects and extracts license plates from vehicle images using OpenCV and OCR.
- Designed the frontend with Flask to display extracted data and store logs. Useful for security and parking systems.

Portfolio Website
HTML, CSS, JavaScript

- Built a responsive personal website to showcase projects and resume using vanilla web technologies.
- Integrated contact form and GitHub repository links.

INTERNSHIP

Data Science Intern — INTERNSVEDA, Gurugram   Jun 2024 – Jul 2024

- Worked on real-world datasets for analysis and visualization.
- Created dashboards using Matplotlib and generated insights using Pandas.
- Collaborated in a team project involving exploratory data analysis (EDA) and regression modeling.
- Practiced version control using Git and GitHub.

TECHNICAL SKILLS

Languages: Python, Java, SQL, HTML/CSS/JS
Libraries/Frameworks: Flask, OpenCV, Pandas, NumPy, Matplotlib, Tesseract
Tools: Git, GitHub, MySQL, SQLite, VS Code
Concepts: Data Structures, Web Dev, ML Basics, OOP, EDA

SOFT SKILLS

Adaptability, Problem Solving, Communication, Teamwork, Critical Thinking