SHAHIL MANSURI

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CAREER OBJECTIVE

Motivated MCA student with strong foundations in **Python, Java, Machine Learning, and Data Structures**. Seeking an **AI/ML Internship or Software Engineer (Entry-Level)** role to apply data-driven and problem-solving skills in real-world applications.

EDUCATION

Shri G. S. Institute of Technology and Science (SGSITS) Indore, M.P.
Master of Computer Applications (MCA) - CGPA: 7.77 (Current Semester) **2024 – 2026**

Bachelor of Computer Applications (BCA) — CGPA: 7.57/10 **2021 – 2024**
Government Autonomous PG College, Chhindwara

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++
Machine Learning & AI: Supervised/Unsupervised Learning, Classification, Regression, Feature Engineering, Model Evaluation
Libraries & Frameworks: NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow (Learning), OpenCV
Databases: SQL, MySQL
Tools & Platforms: Docker, Git, GitHub, VS Code, IntelliJ IDEA, Jupyter Notebook
Core Concepts: Data Structures, OOP, DBMS, Software Design, API Basics

PROJECTS

SmartGrid Energy Optimizer Sept – Nov 2025
SGSITS, Indore

- Designed a smart energy optimization system to monitor electricity usage and reduce power wastage.
- Implemented real-time analytics, predictive modeling, and load balancing techniques using Python.
- Processed IoT-based sensor data for energy consumption prediction.

CropShieldAI (Ongoing) Mar 2025 – Present
SGSITS, Indore

- Developing an AI-based crop disease detection and classification system using image processing.
- Applied machine learning algorithms on leaf images for early disease identification.
- Implemented using Python, TensorFlow, OpenCV, NumPy, and Pandas.

Diabetes Detection System Academic Project

- Built a machine learning model to predict diabetes using medical datasets.
- Performed data preprocessing, feature selection, and model evaluation.
- Implemented classification algorithms using Python, Pandas, and Scikit-learn.

SkillSyncPro Mar – May 2025
SGSITS, Indore

- Developed a skill-based collaboration platform connecting students and professionals.
- Simplified team formation and resource sharing using Java, MySQL, and JDBC connectivity.

ACHIEVEMENTS & ACTIVITIES

- Completed Value-Added Course in Software and Project Development.
- Participated in academic workshops on AI, ML, and Python.
- Organized technical sessions and peer-learning activities.

ADDITIONAL INFORMATION

Languages: English, Hindi
Interests: Artificial Intelligence, Machine Learning, Problem Solving