

SHASHANK SURYAWANSHI

Gwalior, Madhya Pradesh

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Career Objective

Aspiring AI/ML intern with strong foundations in Python, Machine Learning, and data-driven project development. Passionate about building scalable applications and learning new technologies in backend development and data science.

Education

Lovely Professional University

Bachelor of Science in Computer Science (CGPA: 6.8)

Aug 2022 – Aug 2026

Phagwara, Punjab

Subash Public School

Intermediate (12th Grade) – 95.5%

Mar 2021 – May 2022

Gwalior, Madhya Pradesh

S. Kinder Higher Secondary School

Matriculation (10th Grade) – 95%

Mar 2019 – Mar 2020

Gwalior, Madhya Pradesh

Experience

Geek For Geeks

May 2024 – August 2024

Data Science and ML

- Completed a Data Science and Machine Learning course, gaining proficiency in Python, R, SQL, and libraries like NumPy, pandas, Scikit-learn, Matplotlib, and Seaborn.
- Implemented machine learning projects, including sentiment analysis and recommendation systems, with a focus on data preprocessing, feature engineering, and model evaluation.

Projects

Virtual Assistant Soni | Python

January 2025

- Developed a voice-activated assistant using Speech Recognition and pyttsx3 for speaking
- Integrated Wikipedia API, music playback, application launch, and email features.
- GitHub: Soni Assistant
- Linkedin: Soni Assistant

Spam E-mail Detection – Python, NLP, Scikit-learn, NLTK

April 2025

- Design a spam classification system using Natural Language Processing (NLP) techniques.
- Applied text preprocessing steps including tokenization, stopword removal and TF-IDF vectorization.
- GitHub: Spam E-mail Detection

Supervised Learning project and implementation | Python

September 2024

- Implemented regression (Linear, Polynomial, SVR, Decision Tree) and classification
- GitHub: ML

Harry Potter Invisible CLOAK App | Python, OpenCV, StreamLit

December 2024

- Real-time invisibility cloak using OpenCV by capturing background and masking cloak color.
- Implemented KMeans clustering for auto-detection of cloak color, improving usability for any colored Fabric.
- Features: Real time Cloaking, Speech Recognition, Live Colour Tuning UI via StreamLit, Video Export in .mp4.
- GitHub: Harry Potter Invisible Cloak App

FLOWGUIDE GPT-GENAI- POWERED CONTEXTUAL ASSISTANT FOR SAAS DOCS

Mar 2025

- Built a FastAPI backend integrating LangChain with Ollama's Mistral model for real-time question answering.
- Designed and implemented a RAG pipeline using FAISS and Sentence Transformers for semantic retrieval.
- GitHub: FlowGuide

Inventory Management System Project | *Python, JSON*

May 2024

- Designed Inventory Management System for inventory operations and optimized data storage using JSON.
- GitHub: Inventory Management System

Data Analysis and Visualization Projects | *Python*

June 2024

- Conducted data analysis and visualization on Black Friday sales and global sugarcane production, focusing on data cleaning, EDA, and insights using Pandas and Seaborn.
- GitHub: Black Friday
- GitHub: Sugarcane

Web Scraping Projects: Extraction, Analysis, and Data Handling | *Python*

June 2024

- Scraped books, quotes, YouTube, and Wikipedia data; processed and stored using CSV.
- GitHub: Web Scraping

Technical Skills

Languages: Python, Java, C, R, C++, SQL ,JavaScript
Developer Tools: VS Code, PowerBI, Tableau, Android Studio, GitHub
Technologies/Frameworks: FastAPI, OpenCV ,PyTorch ,TensorFlow.

Leadership & Extracurricular

Community Development through Environmental Initiatives

Sept 2023 – Oct 2023

- Volunteered with an NGO to organize tree planting drives and promote environmental awareness.
- Led community education on cleanliness and sustainability, and coordinated clean-up events with local stakeholders.
- Engaged in fundraising for conservation projects, demonstrated leadership and teamwork, and participated in related workshops and seminars.