

# Ayush Singh

## Aspiring AI/ML Engineer

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## SUMMARY

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AI/ML engineering student experienced in automation, data analysis, and custom personal assistant development. Seeking internship opportunities to apply technical skills and contribute to impactful solutions.

## PROJECTS

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### Shifra 2.0 – Basic Voice Assistant

[GitHub](#) May 2025 – June 2025

- Built a simple voice assistant that listens to user commands and replies with intelligent responses
- Integrated speech-to-text and text-to-speech for smooth voice interaction
- Used Gemini API for generating accurate and contextual AI-based responses
- Designed a clean modular structure enabling easy addition of new commands and replies

### Jarvis – AI Personal Assistant Advanced

[GitHub](#) Jul 2025 – Nov 2025

- Developed a Python-based voice assistant for real-time automation and voice commands
- Added NLP-based intent recognition to perform searches, open apps, play music, and fetch information
- Tech Stack: Python — SpeechRecognition — pyttsx3 — NLP — API Integrations

### Netflix Data Analysis

[GitHub](#) Mar 2025 – Apr 2025

- Performed exploratory data analysis (EDA) on Netflix movies dataset to uncover trends in genres, ratings, and content distribution
- Visualized insights using graphs to study release trends, audience preferences, and regional content patterns
- Tech Stack: Python — NumPy — Pandas — Matplotlib — Jupyter Notebook

## EDUCATION

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**2024 – Present**

**B.Tech in AI & ML Engineering**

**CGPA: 6.92**

*Sage University, Indore*

**2024**

**Senior Secondary (12th)**

**70%**

*Sunflower English Medium School*

**2022**

**Secondary (10th)**



**70%**

*Bhansali Vidhya Mandir Public School*

# TECHNICAL SKILLS

|                           |   |
|---------------------------|---|
| Programming Languages:    | Python, C++, HTML, CSS, JavaScript (Basics)   |
| Frontend & UI/UX:         | ReactJS, JavaScript, Tailwind CSS, Figma, Responsive UI Design  |
| Frameworks & Libraries:   | NumPy, Pandas, Matplotlib, Seaborn (Learning)   |
| Databases:                | MySQL   |
| Tools & Technologies:     | Git, GitHub, VS Code, Jupyter Notebook  |
| Data Science & ML Skills: | Data Analysis, Machine Learning (Beginner)  |
| Soft Skills:              | Problem Solving, Communication, Team Collaboration, Leadership, Adaptability, Time Management, Work Ethic |





# ACHIEVEMENTS

-  Published and maintained real-world projects on GitHub, including Jarvis AI Assistant, Shifra 2.0, and Netflix Data Analysis.
-  Built AI-based voice assistants using Python, NLP, Speech Recognition, and Gemini API.

# CERTIFICATIONS & COURSES

|  |                             |           |
|--|-----------------------------|-----------|
| Microsoft Azure Fundamentals (AZ-900)  | Microsoft                   | June 2025 |
| OCI Certified AI Foundations Associate | Oracle Cloud Infrastructure | Nov 2025  |

# EXTRA-CURRICULAR ACTIVITIES

-  Participated in AI/ML workshops, hackathons, and hands-on training events.
-  Coordinated technical activities and managed coding events in the university tech club.
-  Volunteered mentorship sessions guiding juniors in Python and beginner-level AI concepts.
-  Contributed open-source automation scripts and AI assistant projects on GitHub.