

SOUNDARYA G M

Davanagere | Ph: +91-9740952784 | Email: gmsoundarya8@gmail.com

[LinkedIn](#) | [Github](#)

Aspiring AI & ML Engineer with a strong foundation in Python, machine learning, and data analytics. Skilled in using tools like Pandas, NumPy, and Power BI for data-driven insights. Experienced in building predictive models with scikit-learn and TensorFlow. Focused on applying intelligent automation to real-world challenges through practical solutions and collaborative work.

EDUCATION

B.Tech in Artificial Intelligence and Machine Learning

8.48 CGPA

Srinivas University, Mangaluru

2022 - Present

Pre-University Course (PUC)

64.5%

Sri Vyshnavi Chetana PU College, Davangere

2020- 2022

Secondary School Leaving Certificate (SSLC)

66.8%

Vishwachetana Vidyaniketan School, Davangere

2019 – 2020

EXPERIENCE

Zephyr Technologies & Solutions Pvt.Ltd | Data Science Intern

May 2025 – June 2025

- Applied **Python** to clean and preprocess **100,000+ data points**, performed **EDA** to uncover hidden trends and anomalies.
- Created and presented **10+ visualizations** using **Matplotlib** and **Seaborn**, enabling stakeholders to make informed business decisions.
- Built and evaluated **3+ machine learning models** (e.g., linear regression, decision trees) with an accuracy improvement of up to **20%** in predictive tasks.

PROJECTS

AI Virtual Painter| [Link](#) | *Python, OpenCV, MediaPipe, Computer Vision, Voice Feedback*

- Built an **AI-powered Virtual Painter** using **Python, OpenCV**, and **MediaPipe** to enable **real-time air drawing** through **hand gesture recognition** with **dynamic brush control** and **gesture-based UI**.
- Integrated advanced features including **rainbow brush**, **eraser mode**, **canvas clearing**, and **voice feedback** for selected colors, showcasing strong expertise in **computer vision** and **interactive AI systems**.

Netflix and Movie Analysis | [Link](#) | *Python, Pandas, Matplotlib, Seaborn*

- Conducted **exploratory data analysis (EDA)** on Netflix and movie datasets containing **5,000+ entries**, identifying key patterns in **genres**, **content ratings**, **runtimes**, and **regional content trends**.
- Designed **10+ visualizations** and summary dashboards to uncover insights, highlighting skills in **data cleaning**, pattern discovery, and **visual storytelling** using Jupyter Notebook.

SKILLS

- Languages: Python, SQL.
- Libraries/Frameworks: Pandas, NumPy, scikit-learn, TensorFlow
- Tools: Power BI, Jupyter Notebook, Git, VS Code, Excel, Google Collab.

CERTIFICATIONS

- AWS Academy Cloud Foundations - [AWS Academy](#)
- Databases - [Certiport](#)
- IBM – [deep Learning](#)

ACHIEVEMENTS

- Elected as **Office Bearer** at Srinivas University, leading a team of **10+ students** to organize and manage **5+ campus events**, enhancing student engagement and demonstrating team coordination, coordination, and Public speaking.