

Tanushri S

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Summary

Passionate Software Engineer and Python Developer with strong **problem-solving skills** and proficiency in **data structures** and **algorithms**. Experienced in Python libraries such as **NumPy**, **Pandas**, **Seaborn**, and **Matplotlib** for data analysis and visualization. Enthusiastic Gaining practical experience in machine learning and data analysis through ongoing coursework, applying statistical techniques and Python tools to real-world datasets. Adept at developing efficient and scalable solutions across multiple domains.

Skills

- **Programming Languages:** Python, SQL, C, C++, Java
- **Web Development:** HTML, CSS
- **Data Analysis:** Excel, PowerBI, Tableau
- **Soft Skills:** Problem-solving, Teamwork and collaboration, Networking, Multitasking

Education and Training

Jagadguru Sri Shivarathreeshwara Academy of Technical Education (JSSATEB)

B.E. Information Science **Dec 2022 – Sept 2026**(anticipated)

Certifications

- **Infosys Springboard** - Data Structures and Algorithms
- **CISCO** - Introduction to Modern AI
- **CISCO** - Computer Networks
- **IIT Madras** – Foundation in BS degree(Diploma bs degree)

Projects

Sentimental Analysis of Text and Audio

- Developed a **convolutional neural network(CNN)** to classify emotions using **Python**, **TensorFlow**, **PyTorch**.
- Integrated Hugging Face's **transformers** library to classify emotions such as joy, sadness, anger, and fear.
- Designed a user-friendly UI with **HTML/CSS** and **Flask** templates for seamless interaction.

Integrated Sales and Marketing Performance Dashboard in Power BI

- Combines **Google Analytics** and **Sales Data** in Power BI to provide a comprehensive view of marketing and sales performance.
- Offers insights with dynamic visualizations, enabling users to track key metrics like conversion rates, revenue trends, and campaign performance.

Extracurricular Activities

- Been an active part of the major college fest **JSS VERVE** for two years, contributing to communication, leadership, teamwork, and collaboration efforts.
- **Creative Artist** skilled in **drawing**, **painting**, and **jewelry making**, with experience creating original artworks and custom jewelry pieces for exhibitions and clients.