

SRAJAN SHRIVASTAVA

Vidisha, Madhya Pradesh

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LinkedIn

Github

LeetCode

Portfolio

SKILLS

- **Programming:** Python, C++, Java, SQL, scikit-learn, OpenCV, Hugging Face
- **Artificial Intelligence:** Machine Learning, Deep Learning, Generative AI, OpenCV, Supervised Learning
- **Frameworks / Libraries:** Flask, TensorFlow, • **Data Handling:** Pandas, NumPy, Matplotlib
- **DevOps/Tools:** Docker, Git, GitHub
- **CS Fundamentals:** Data Structures / Algorithms, Operating Systems, Computer Networks

PROJECTS

HazeHeal ↗ | Python, Generative AI

- Built a deep learning model to remove haze from images using TensorFlow and GAN-based training
- Designed a custom neural network with MBConv blocks, Swish activation, and spectral normalization for better visual clarity
- Created a multi-part loss function combining perceptual, Charbonnier, and binary cross-entropy losses to improve detail preservation during dehazing

YouTube Comments sentiment Analyzer ↗ | HTML, CSS, Python, Flask

- Built a sentiment analysis tool using LSTM and RNN to classify over 1,000 YouTube comments
- Developed a Flask web app to input comments and display sentiment results in real time
- Trained and fine-tuned the model using TensorFlow and Keras to improve prediction accuracy on informal text

EDUCATION

B-Tech, CSE AI-ML	Vellore Institute of Technology, Chennai	CGPA: 8.7	2025
Senior Secondary	Saket Shishu Ranjan, Vidisha	84.00	2021
Higher Secondary	Saket Shishu Ranjan, Vidisha	84.60	2019

EXPERIENCE

Netlink Software Group America

Python Developer Intern

Certificate

Location: Bhopal

- Worked with the development team to build a chatbot using Python and NLP libraries, focusing on natural language understanding and generating context-aware responses
- Explored tools like Rasa and Hugging Face to understand intent classification, entity extraction, and dialogue flow design in conversational AI systems
- Assisted in debugging and improving the codebase, helping the team resolve software issues and maintain stable chatbot performance

CERTIFICATIONS

- Python 3.4.3 - IIT Bombay
- Machine Learning - Udemy
- Machine Learning Program - 1 Stop Ai
- AWS Certified Cloud Practitioner
- Deep Learning - Udemy
- 1 Stop Ai Virtual Internship Program

ACHIEVEMENTS

- Ranked in the Top 20 in the 36-hour "Krypthon" hackathon at VIT Chennai.
- Core Committee and Marketing Team member of ViTeach Club, VIT Chennai.
- Represented Madhya Pradesh in the under-17 cricket category.